### JITED STATES

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DEPARTM	EΝ	IT	OF	THE	INTER	RIOR

	DEPAR	NIMENT OF T	HE INTERIOR	•	5. LEASE DESIGNATI	ON AND SERIAL NO
1		EAU OF LAND M				J-74426
APPLICATI	ON FOR PE	RMIT TO DE	RILL, DEEPEN, OR PL	UG BACK	6. IF INDIAN, ALLOTT	EE OR TRIBE NAME
a TYPE OF WORK					na na	
DRILL B TYPE OF WELL	. X	DEEPEN	PLUG BACK		7. UNIT AGREEMENT	NAME
OIL G	AS X	OTHER	ZONE MULTIPLE ZONE	x	8. FARM OR LEASE N	IAME
2. NAME OF OPERATOR The Hous	ton Explorat	ion Company	1		9. WELL NO. Bonanza 5-1	1-9-23
3. ADDRESS OF OPERATOR 1100 Loui		2000 Houston	ı, TX 77002		10. FIELD OR LEASE Natural Butte	
4. LOCATION OF WELL (Repair at surface 1794' FI	•		1010 40.03 C°	747	11. Sec., T., R., M., OF AND SURVEY OR AR	
At proposed prod. Zone			34796y -109.300	754	Sec, 11, T9S	, R23E
	south of Ver	nal, UT			12. COUNTY OR PAR Uintah	Utah
5. DISTANCE FROM PROP INE , FT. (Also to nearest dr		ST PROP. OR LEASE	16. NO. OF ACRES IN LEASE	17. NO. OF AC	RES ASSIGNED	
609'	• • · · · · · · · · · · · · · · · · · ·		1,200		40	
I6. DISTANCE FROM PROP TO NEAREST WELL, DRILLI OR APPLIED FOR, ON THIS	NG COMPLETED.	1,200'	19. PROPOSED DEPTH <b>8,345</b>	20. ROTARY O	R CABLE TOOLS	
21. ELEVATION (SHOW WH 4963			0,040	Notal	22. APPROX. DATE W April 1	
		PROPOSED CA	SING AND CEMENT PROGRAM			· · · · · · · · · · · · · · · · · · ·
SIZE OF HOLE	SIZE OF CASING 8 5/8"	WEIGHT PER FOO 36#	T SETTING DEPTH 2000'	QUANTIT 779 s	Y OF CEMENT <b>ks</b>	
7 7/8"	4 1/2"	11.6#	T.D.	600 s	ks	
-	•	 lests permis 13 point pla	 ssion to drill the subj n.	ect well. F	Please find t	the attache

William A Ryan 290 S 800 E **Vernal, UT 84078** 435-789-0968

Federal Approval of this Action is Necessary

**RECEIVED** 

APR 2 6 2005

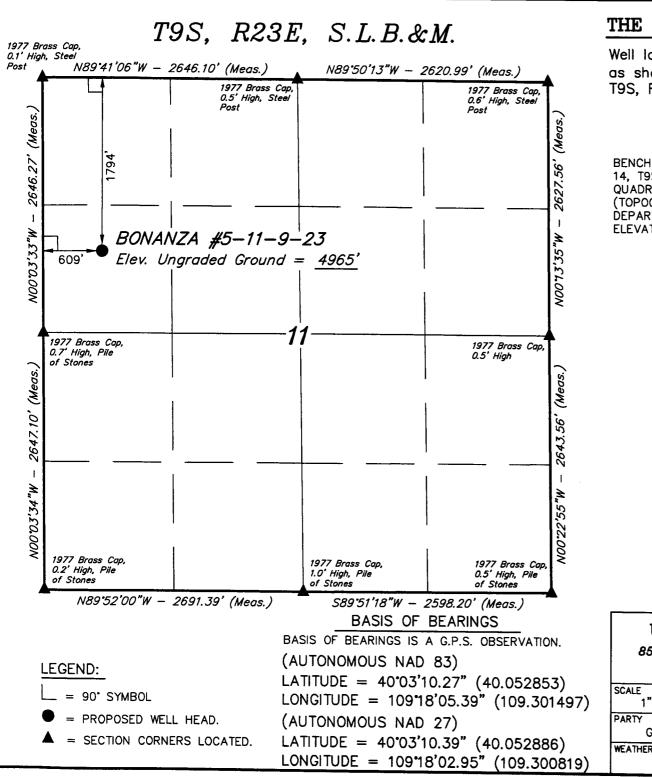
DIV. OF OIL, GAS & MINING

	RIBE PROPOSED PROGRAM is proposed in to deep all is to drill or deepen directional, give pertinent data n, if play.			
24	William A. Ryan	Agent		Mar. 30, 2005
SIGNATURE		TITLE	DATE	
( Inis space for	Federal or State Office use)			
PERMIT NO.	43-047+84645	APPROVAL DATE		
APPROVED BY CONDITIONS OF APPRO	VALE IN STATE OF THE STATE OF T	BRADLEY O	3. HILL CIENTIST III DATE	04-28-05

\*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

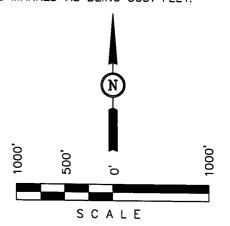


#### THE HOUSTON EXPLORATION COMPANY

Well location, BONANZA #5-11-9-23, located as shown in the SW 1/4 NW 1/4 of Section 11, T9S, R23E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK (54EAM) LOCATED IN THE NW 1/4 OF SECTION 14, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5031 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECTION THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTRATION NO TIGHT TO STATE OF UTAH

THE HOUSTON EXPLORATION COMPANY

### UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" =	1000'	_		DATE SURVEYED: 02-03-05	DATE DRAWN: 02-10-05
PARTY G.O.	B.C.	Р.М.		REFERENCES G.L.O. PLA	Т
WEATHER			FILE	<del></del>	

COLD

#### **SELF-CERTIFICATION STATEMENT**

The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that The Houston Exploration Company are considered to be the operator of the following well.

Bonanza 5-11-9-23 Section 11, T.9S, R.23E. SW 1/4, NW 1/4 Lease UTU-74426 Uintah County, Utah

The Houston Exploration Company is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond 104155044 provides state-wide bond coverage on all Federal lands.

William A. Ryan

Agent

**Rocky Mountain Consulting** 

350 S. 800 E.

Vernal UT 84078

435-789-0968 Office

435-828-0968 Cell

435-789-0970 Fax

rmcwar@hotmail.com

#### Ten Point Plan

#### The Houston Exploration Company

Bonanza 5-11-9-23

Surface Location SW ¼ NW ¼, Section 11, T. 9S., R. 23E.

#### 1. Surface Formation

Green River

#### 2. Estimated Formation Tops and Datum:

Formation	Depth	<u>Datum</u>
Green River	Surface	+4,963' G.L.
Uteland Butte Limestone	4,515	+448'
Wasatch	4,650	+313'
Mesaverda	6,490	-1,527'
Buck Tounge	8,290	-3,327'
Castlegate	8,360	-3,397'
TD	8,345	-3,382'

A 11" hole will be drilled to 2,000' +/-. The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

#### 3. Producing Formation Depth:

Formation objective includes the Green River, Wasatch, Mesaverde and its submembers.

Off set well information

Off set wells:

Permitted/Drilled:

Bonanza #2-11-9-23 Bonanza #3-11-9-23 Bonanza #6-11-9-23 Bonanza #7-11-9-23 Bonanza #11-11-9-23 Bonanza #13-11-9-23 Bonanza #14-11-9-23

Bonanza #15-11-9-23

Abandoned Wells: SR #23-11

Shut in Wells: Bonanza #1-11

#### 4. Proposed Casing:

Hole	Casing			Coupling	Casing	
<u>Size</u>	<u>Size</u>	Weight/FT	<u>Grade</u>	& Tread	<u>Depth</u>	New/Used
11	8 5/8	36#	J-55	STC	2000	NEW
7 7/8	4 1/2	11.6#	N-80	LTC	T.D.	NEW

#### Cement Program:

#### The Surface Casing will be cemented to the Surface as follows:

Lead:	Casing <u>Size</u>	Cement Type	Cement Amounts	Cement <u>Yield</u>	Cement Weight
Leau.	8 5/8	Primium Lite II .05#/sk Static Free .25#/sk Cello Flake 5#/sk KOL Seal .002 gps FP-6L 10% Bentonite .5% Sodium Metasil: 3% Potassium Chlor		3.38ft³/sk	11.0 ppg
Tail:					
	8 5/8	Class "G" 2% Calcium Chlorid .25#/sk Cello Flake	329 sks. +/- e	1.2ft³/sk	15.6 ppg
Тор Јо	b:				
	8 5/8	4% Calcium Chloride .25#/sk Cello Flake	200 sks. +/	′-1.10ft³/sk	15.6 ppg

#### Production casing will be cemented to 2,500' or higher as follows:

	Casing	Cement	Cement	Cement	Cement
	<u>Size</u>	<u>Type</u>	<u>Amounts</u>	<u>Yield</u>	Weight
Lead:					
	4 1/2	Primium Lite II .25#/sk Cello Flake .05#/sk Static Free 5#/sk Kol Seal 3% Potassium Chlori .055 gps FP-6L 10% Bentonite .5 Sodium Metasilica		3.3ft³/sk	11.0 ppg
		.5 Soutuili Metasilie			

Tail:

4 1/2	Class "G"	400 sks +/-	1.56ft³/sk	14.3 ppg
	.05% Static Free			110
	2 Sodium Chloride			
	.1% R-3			
	2% Bentonite			

#### 5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

#### 6. Mud Program:

Interval	Mud weight <u>lbs./gal.</u>	Viscosity Sec./OT.	Fluid Loss <u>Ml/30 Mins</u> .	Mud Type
0-2000	Air/Clear Water	30	No Control	Water/Gel
2000-T.D.	8.4-12.0		8-10	Water/Gel

#### 7. Auxiliary Equipment

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

#### 8. Testing, Coring, Sampling and Logging:

a) Test: None are anticipated.

b) Coring: There is the possibility of sidewall coring.

c) Sampling: Every 10' from 2000' to T.D.

d) Logging: Type Interval

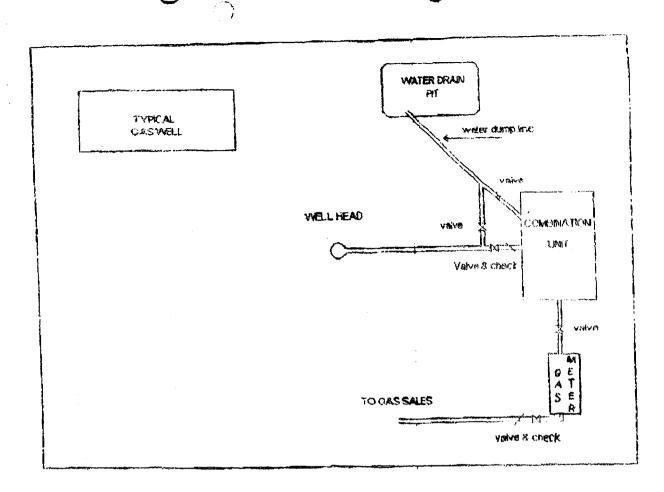
DLL/SFL W/GR and SP T.D. to Surf. Csg FDC/CNL W/GR and CAL T.D. to Surf. Csg

#### 9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H2S.

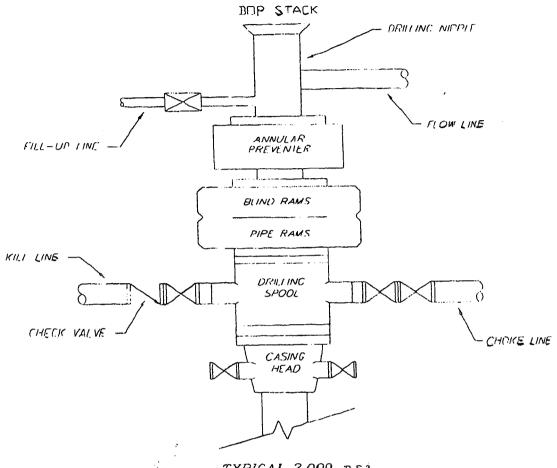
#### 10. Drilling Schedule:

The anticipated starting date is \_\_\_\_April 15, 2005. Duration of operations is expected to be 30 days.

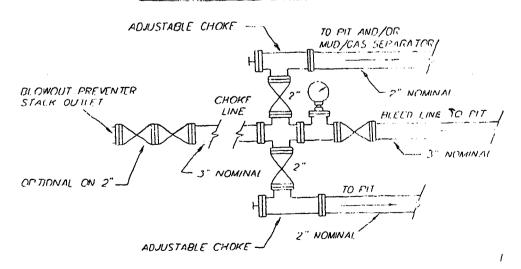


#### THE HOUSTON EXPLORATION COMPANY

### TYPICAL 3,000 p.s.r. BLOWOUT PREVENTER SCHEMATIC



### TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



# THE HOUSTON EXPLORATION COMPANY 13 POINT SURFACE USE PLAN

FOR WELL

**BONANZA 5-11-9-23** 

LOCATED IN SW 1/4 NW 1/4

**SECTION 11, T. 9S, R23E, S.L.B.&M.** 

**UINTAH COUNTY, UTAH** 

**LEASE NUMBER: UTU-74426** 

**SURFACE OWNERSHIP: FEDERAL** 

#### 1. Existing Roads:

To reach The Houston Exploration Co well Bonanza #5-11-9-23 in Section 11, T9S, R23E, starting in Vernal, Utah.

Proceed in an easterly, then southerly direction from Vernal, **Utah along US Highway 40** approximately 3.9 miles to the junction of State Highway 45; exit right and proceed in a southerly, then southeasterly direction approximately 36.6 miles on State Highway 45 to the junction of this road and an existing road to the west; turn right and proceed in a westerly, then northwesterly direction approximately 7.8 miles to the junction of this road and an existing road to the north; turn right and proceed in a northerly, then northeasterly direction approximately 1.0 miles to the beginning of the proposed access for the #4-11 to the northwest; follow road flags in a northwesterly direction approximately 0.1 miles to the beginning of the proposed access to the west; follow road flags in a westerly direction approximately 0.15 miles to the proposed location..

## Total distance from Vernal, Utah to the proposed well location is approximately 49.55 miles.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

#### 2. Planned access road

The proposed access road will be approximately 792' +/- of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	792 ft
B) Right-of-Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface	ownership
•	Federal
L) All new construction	on lease
	Yes
M) Pipe line crossing	No

Please see the attached location plat for additional details.

### An off lease Right-of-Way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

#### 3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

A) Producing well	None
B) Water well	None
B) Abandoned well	
SR #23-11	

D) Temp. abandoned well

None

E) Disposal well

None

F) Drilling /Permitted well

Bonanza 3-11-9-23

Bonanza 5-11-9-23

Bonanza 6-11-9-23

Bonanza 7-11-9-23

Bonanza 9-11-9-23

Bonanza 11-11-9-23

Bonanza 13-11-9-23

Bonanza 14-11-9-23

Bonanza 15-11-9-23

G) Shut in wells Bonanza 1-11

H) Injection well

None

### I) Monitoring or observation well None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Carlsbad Canyon** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Carlsbad Canyon**.

All tanks will be surrounded by a dike of sufficient capacity to contain

the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval form the authorized officer.

If the well is capable of economic production a surface gas line will be required.

Approximately 867° +/- of 3" pipeline would be constructed on Federal Lands. The pipeline will tie into the proposed pipeline in Sec 11, T9S, R23E. The pipeline will be strung and boomed to the west of the location and the north side of the access road.

### An off lease Right-of-Way will not be required.

Please see the attached location diagrams for pipe-line location. There will be no additional surface disturbances required for the installation of a gathering line.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter.

Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter

accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meterproving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office and State of Utah. Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

#### 5. Location and type of water supply

Water for drilling and cementing will come from The White River at the Bonanza Bridge, Permit # - T75376.

#### 6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

#### 7. Methods for handling waste disposal

#### A) Pit construction and liners:

The reserve pit will be approximately 12 ft. deep and most of the depth shall be below

the surface of the existing ground Please see the attached plat for details.

The reserve pit will be lined.

The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

#### B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer.

#### C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

#### D) Sewage:

A portable chemical toilet will be supplied for human waste.

#### E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

#### 8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

#### Well-site layout

Location dimensions are as follows:

A) Pad length	345 ft
B) Pad width	245 ft
C) Pit depth	12 ft
D) Pit length	150 ft
E) Pit width	75 ft
F) Max cut	9.5 ft
G) Max fill	6.2 ft
H) Total cut yds.	5,900 cu yds
I) Pit location	south end
J) Top soil location	o <b>n</b>

north end

K) Access road location

east end

L) Flare Pit

corner C

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at leas 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

#### Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately 1,620 cubic yards of material. Topsoil will be stockpiled in one distinct pile. Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified. And left with a rough surface.

#### A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

#### B) Seed Mix:

To be determined by the Authorized Officer.

#### 11. Surface ownership:

Access road	Federal
Location	Federal
Pipe line	Federal

#### 12. Other information:

#### A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of Sagebrush. Rabbit brush, Bitter Brush, and Indian Rice grass are also found on the location.

#### B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

#### C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

#### D) Water:

The nearest water is the White River located approximately 7 miles to the South.

#### E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

#### F) Notification:

- a) Location Construction At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion Prior to moving on the drilling rig.
- c) Spud notice At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and

cementing
At least twenty-four (24)
hours prior to running
casing and cementing all
casing strings.

- e) BOP and related equipment tests At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

#### G) Flare pit:

The flare pit will be located in **corner** C of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

### 13. Lessees or Operator's representative and certification

#### A) Representative

William A. Ryan Rocky Mountain Consulting Vernal, UT 84078

Office 435-789-0968 Fax 435-789-0970 Cellular 435-828-0968

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws,

regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval.

After permit termination, a new application will be filed for approval for any future operations.

#### B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by The Houston **Exploration Company and its** contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 04/11/05

William A. Ryan, Agent

**Rocky Mountain Consulting** 

Onsite Dates: 3/18/05

#### Statement of use of Hazardous Materials

No chemical(s) from the EPA's consolidated list of Chemicals subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan Agent for The Houston Exploration Company Rocky Mountain Consulting 290 S 800 E Vernal, UT 84078

435-789-0968 Office 435-828-0968 Cell 435-789-0970 Fax

### THE HOUSTON EXPLORATION COMPANY

BONANZA #5-11-9-23

LOCATED IN UINTAH COUNTY, UTAH **SECTION 11, T9S, R23E, S.L.B.&M.** 



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: NORTHERLY** 



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: WESTERLY** 



Uintah Engineering & Land Surveying

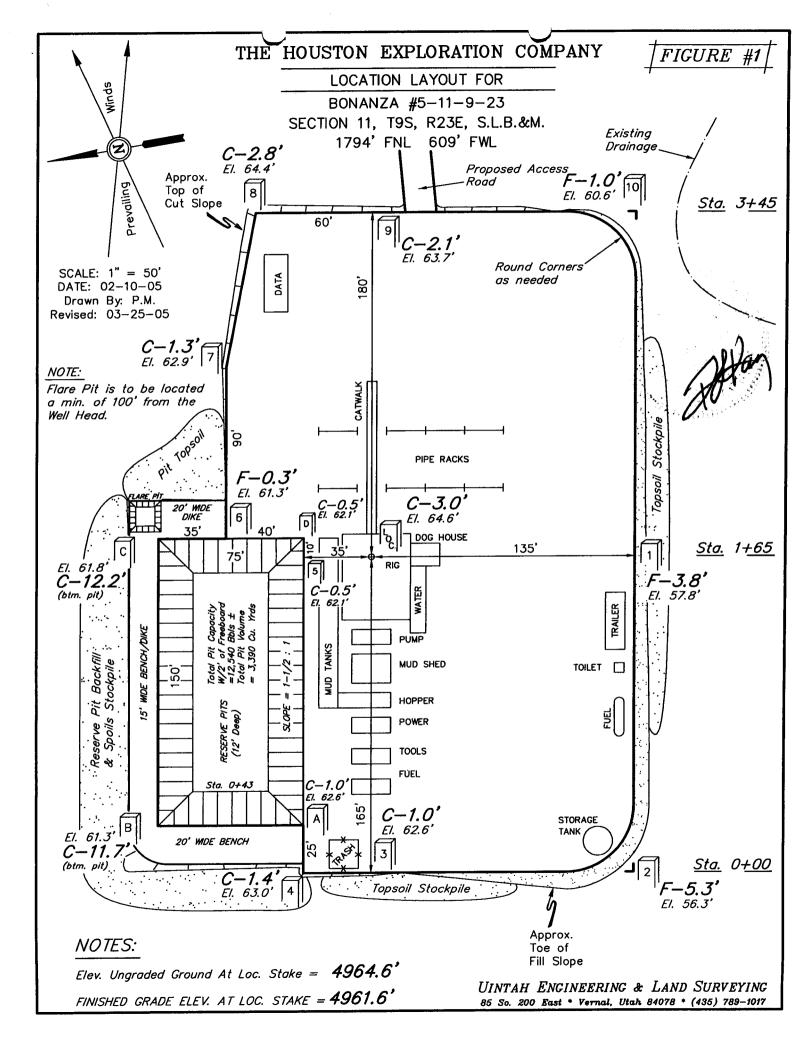
85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

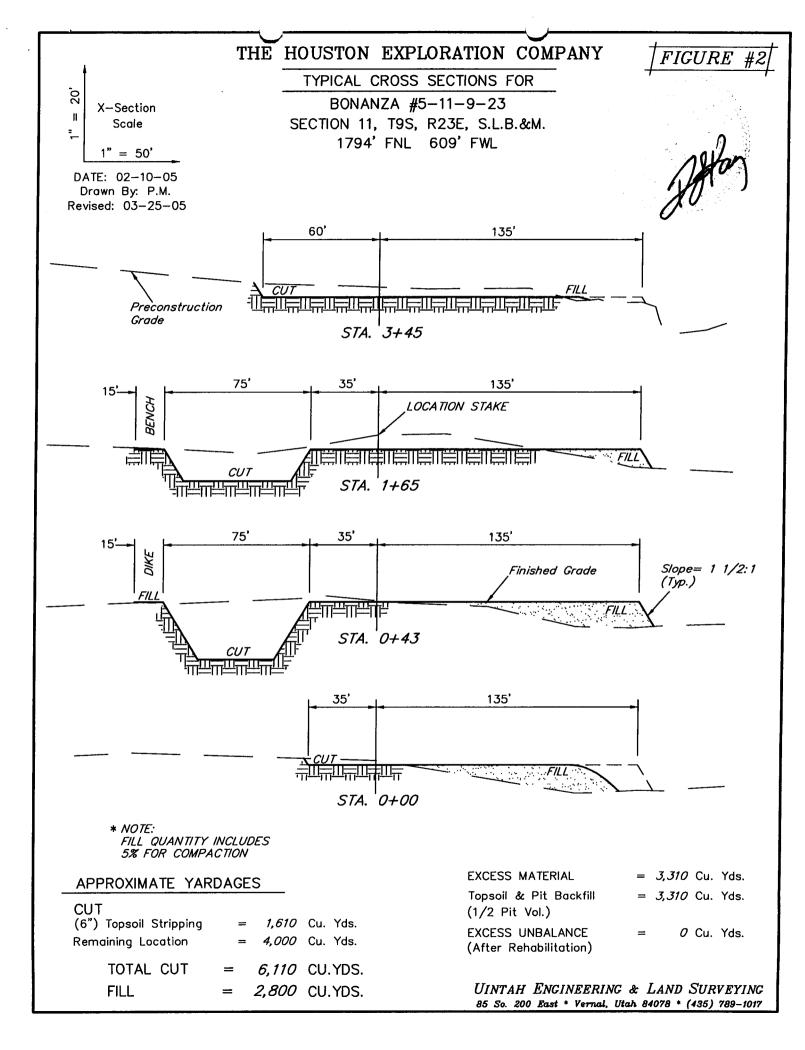
LOCATION PHOTOS

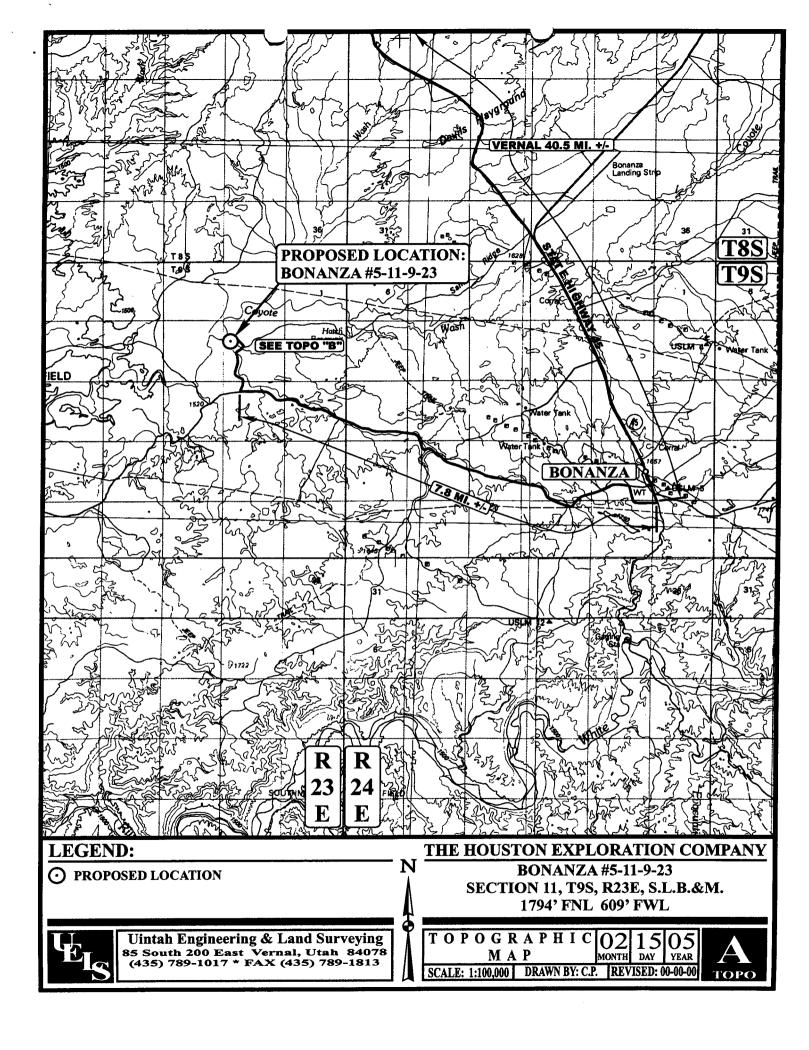
MONTH DAY

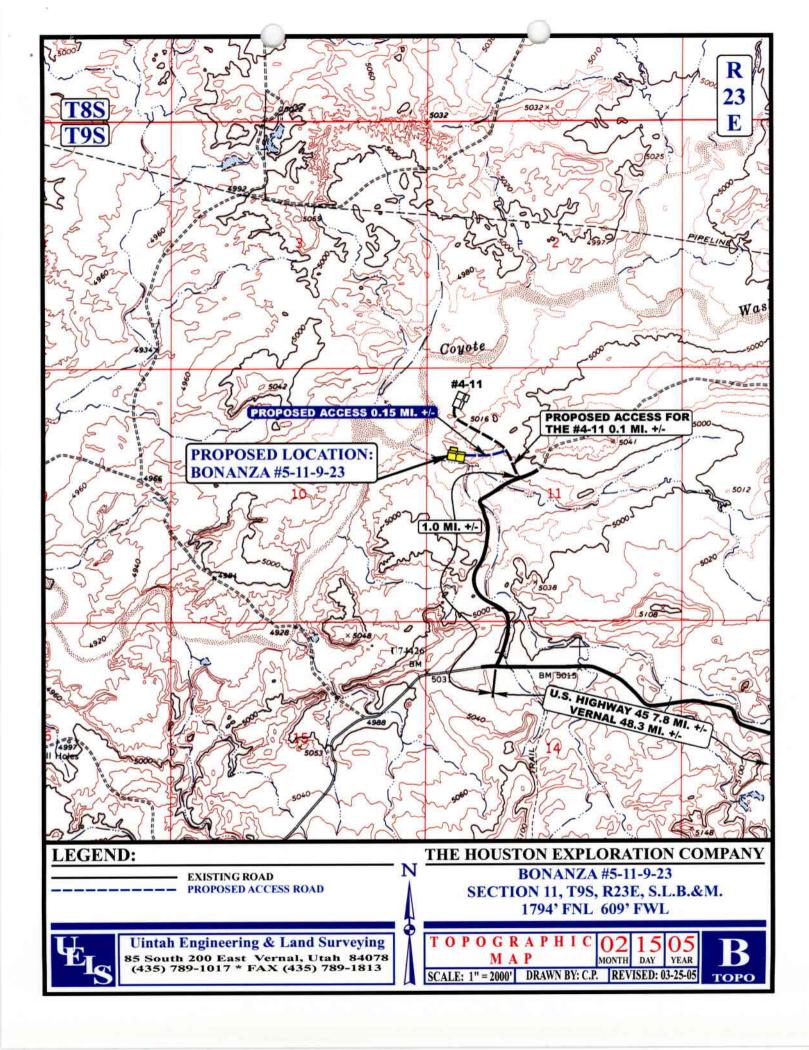
**РНОТО** 

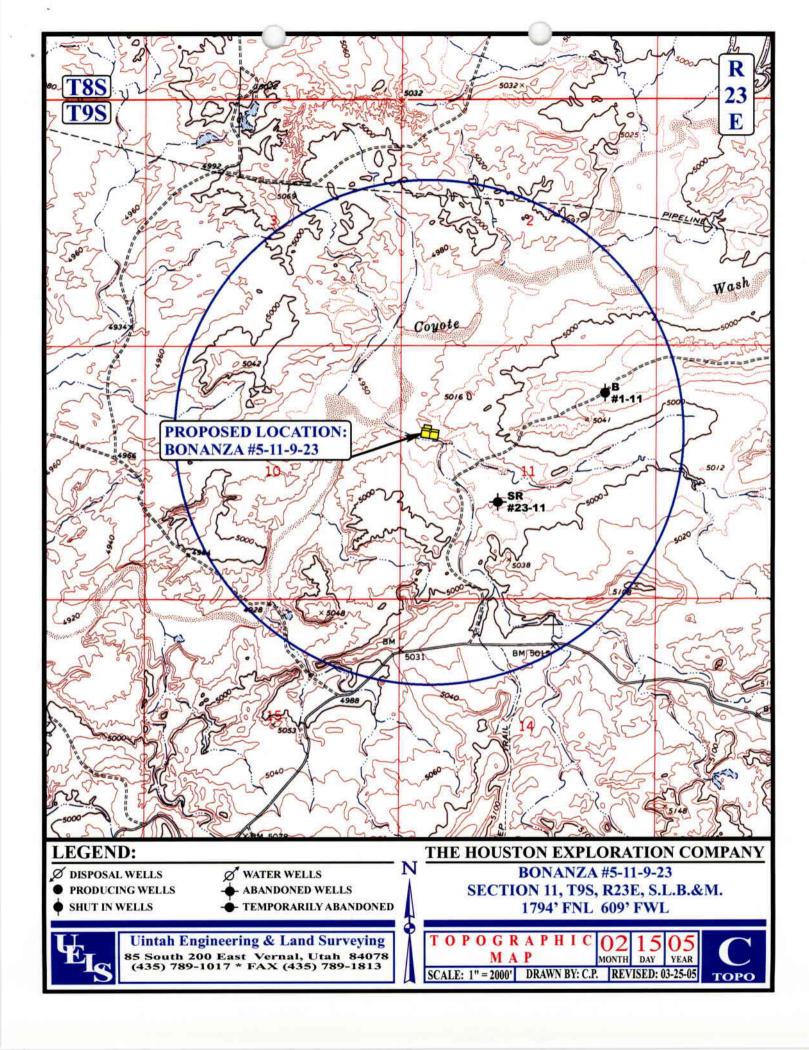
TAKEN BY: G.O. DRAWN BY: C.P. REVISED: 03-25-05

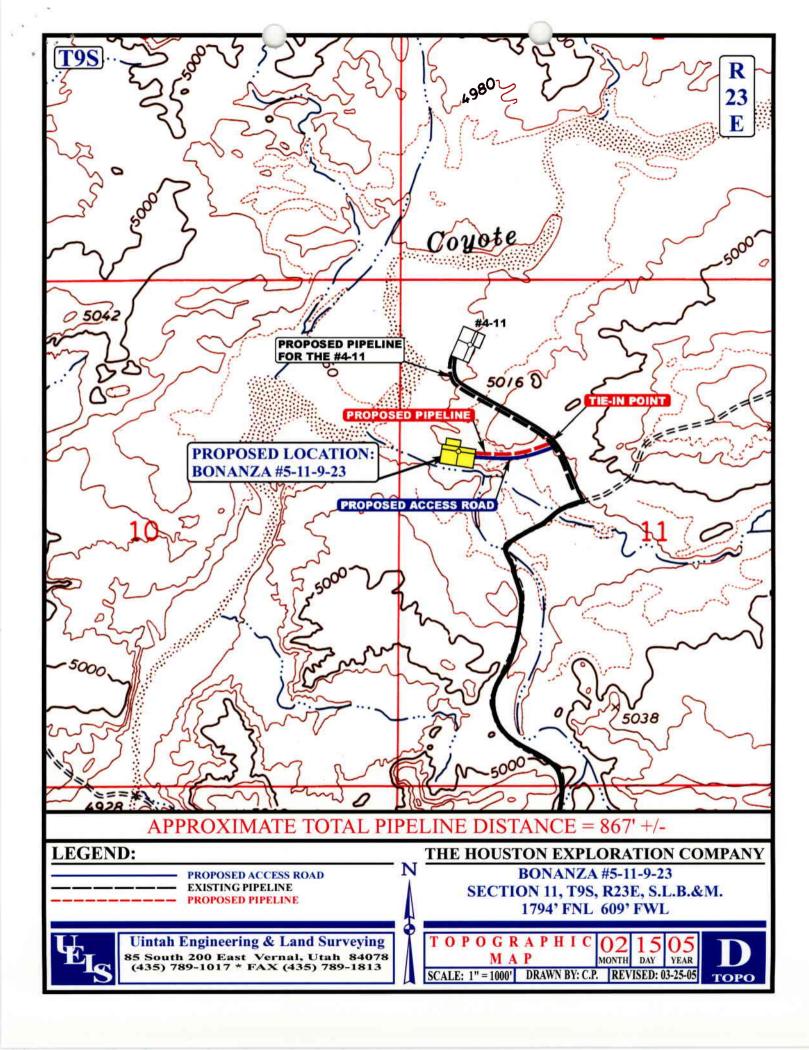






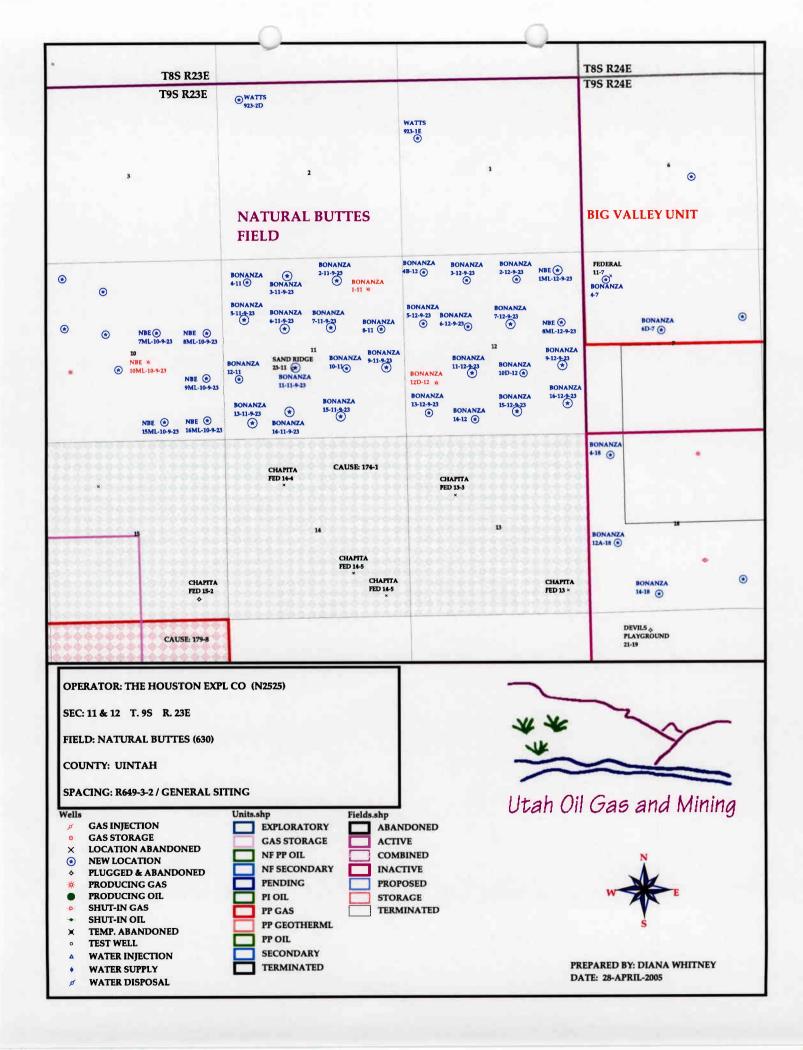






### WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/26/2005	API NO. ASSIGNED: 43-047-36645
WELL NAME: BONANZA 5-11-9-23	
OPERATOR: HOUSTON EXPLORATION CO, ( N2525 )	
CONTACT: BILL RYAN	PHONE NUMBER: 435-789-0968
PROPOSED LOCATION:  SWNW 11 090S 230E  SURFACE: 1794 FNL 0609 FWL  BOTTOM: 1794 FNL 0609 FWL  UINTAH  NATURAL BUTTES (630 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-74426  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: CSLGT  COALBED METHANE WELL? NO	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 40.05285  LONGITUDE: -109.3008
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. 104155044 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. T75376 )  RDCC Review (Y/N)  (Date: )  Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit  R649-3-2. General
STIPULATIONS:  1- fade 2-Space	son approva





#### State of Utah

### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT Acting Division Director JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

April 28, 2005

The Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, Texas 77002

Re:

Bonanza 5-11-9-23 Well, 1794' FNL, 609' FWL, SW NW, Sec. 11, T. 9 South,

R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36645.

Sincerely,

John R. Baza
Associate Director

jc Engle

**Enclosures** 

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	The Houston Exploration Company								
Well Name & Number	Bonanza 5-11-9-23								
API Number:	43-047-	36645							
Lease:	UTU-7	1426							
Location: SW NW	Sec. 11	T. 9 South	R. 23 East_						

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

#### **✓** OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	See Attached List  9. API NUMBER:
The Houston Exploration Company N3535	S. ALTHOMOLA,
3. ADDRESS OF OPERATOR:  1100 Louisiana, Ste 2000 CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 830-6938	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: See Attached List	соинту: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION TYPE OF ACTION	TO, OT OTHER BATA
ACIDIZE DECOEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
Effective	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
Enduring Resources, LLC Operator #N 2750 475 17th Street, Ste 1500 Denver, CO 80202  Contact: Frank Hutto 303-350-5102  Utah State Bond #RLB0008031  Signature & Title  Date	VP. 015
	eneral Manager Onshore
SIGNATURE DATE 9/2/2005	DEAGUE
This space for State use only) APPROVED 913913005	NEUCIVED
	SEP 2 6 2005
Carley Kussell Division of Oil, Gas and Mining Farleye Russell Engineering Technicies	DIV. OF OIL, GAS & MINING
Earlene Russell, Engineering Technician ctions on Reverse Side)	

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Bonanza 5-11-9-23					
API number:	4304736645					
Location:	Qtr-Qtr: SWNW Section: 11	Township: 9S	Range: 23E			
Company that filed original application:	HOUSTON EXPLORATION COM	PANY	,			
Date original permit was issued:						
Company that permit was issued to:	HOUSTON EXPLORATION CO	MPANY				

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<b>✓</b>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

requirements for this location?  Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Have there been any changes to the access route including ownership or right-of-way, which could affect the		
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		1
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. RLB0008031	1	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) ALEX CAMPBELL	Title VICE PRESIDENT OF LAND
Signature /	Date 09/19/2005
Representing (company name) ENDURING RESOURCES, LI	LC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

#### TRANSFER OF OPERATOR

### NATURAL BUTTES FIELD, UINTAH COUNTY, UTAH DRILLED WELLS, TO BE OPERATED BY ENDURING RESOURCES, LLC

API Well Number	well Name	Well Status	Qtr/Qtr	Section	Township-Range	FNL/FSL	FEL/FWL	Latitude	Longitude
43047355550000	Bonanza #10D-18	SI	NWSE	18	9S-24E	1437 S	1800 E	40.03340	-109.25282
43047355510000	Bonanza #12D-12	Producing	NWSW	12	9S-23E	1556 S	867 W	40.04788	-109.28055
43047356930000	Bonanza #2D-27	Producing	NWNE	27	9S-24E	1064 N	1824 E	40.01123	-109.19600
43047359080000	Bonanza 10-11	Producing	NWSE	11	9S-23E	1991 S	1755 E	40.04866	-109.29035
43047356920000	Bonanza 10D-8	SI	NWSE	8	9S-24E	1510 S	1768 E	40.04789	-109.23383
43047355520000	Bonanza 1-11	Producing	NWNW	11	9S-23E	990 N	990 E	40.05431	-109.29891
43047359290000	Bonanza 12-20	Drlg	NWSW	20	9S-25E	1998 S	825 W	40.01947	-109.13150
43047-359210000	Bonanza 12A-18	Producing	NWSW	18	9S-24E	2067 S	813 W	40.03430	-109.26242
43047359090000	Bonanza 14-12	Evaluating	SESW	12	9S-23E	505 S	2001 W	40.04455	-109.27693
43047359940000	Bonanza 4-18	WOPL	NWNW	18	9S-24E	706 N	682 W	40.04119	-109.26288
43047-356220000	Bonanza 4D-16	Producing	NWNW	16	9S-24E	1152 N	1209 W	40.04000	-109.22349
43047358600000	Bonanza 6-36	Producing	SENW	36	9S-24E	2217 N	2009 W	39.99336	-109.16393
43047359120000	Bonanza 6B-8	Producing	SENW	8	9S-24E	2017 N	1878 W	40.05213	-109.24004
43047359200000	Bonanza 8D-7	Producing	SENE	7	9S-24E	1992 N	477 E	40.05220	-109.24845
43047359050000	Buck Canyon 15-24	P&A	SW/SE	24	12S-21E	700 S	2139 E	39.75386	-109.5134
43047348150000	Cartwright 2-35	TA	NWNE	35	9S-24E	858 N	2104 E	39.99733	-109.17882
43047332510000	East Bench 11-16	WOC	NESW	16	11S-22E	s s	1980 W	39.85889	-109.46172
43047347560000	Hoss 15	Producing	SWSE	20	9S-25E	1291 S	2088 E	40.01767	-109.12236
43047348140000	Little Joe 11-7	TA	NENE	7	9S-25E	710 N	644 E	40.05562	-109.13601
43047361500000	Rainbow 14-17	WOC	SESW	17	11S-24E	780 S	1726 W	39.85689	-109.25731
43047361840000	Rainbow 2-16	WOC	NWNE	16	11S-24E	837 N	2136 E	39.86708	-109.23348
43047353630000	Southman Canyon 10D-36	Producing	NWSE	36	9S-23E	1757 S	1650 E	39.98991	-109.27148
43047353640000	Southman Canyon 12D-36	Producing	NWSW	36	9S-23E	1518 S	1069 W	39.98977	-109.28040
43047357700000	Southman Canyon 14C-36	Producing	SESW	36	9S-23E	648 S	1717 W	39.98689	-109.27716
43047357720000	Southman Canyon 16C-36	Producing	SESE	36	9S-23E	542 S	736 E	39.98607	-109.26912
43047356910000	Southman Canyon 2D-30	Producing	NWNE	30	9S-24E	1171 N	1502 E	40.01111	-109.25269
43047353650000	Southman Canyon 2D-36	Producing	NWNE	36	9S-23E	960 N	1751 E	39.99711	-109.27228
43047353610000	Southman Canyon 4D-36	Producing	NWNW	36	9S-23E	1163 N	1137 W	39.99623	-109.28012
43047353620000	Southman Canyon 6D-36	Producing	SENW	36	9S-23E	2466 N	2271 W	39.99336	-109.27635
43047357710000	Southman Canyon 8C-36	Producing	SENE	36	9S-23E	2185 N	694 E	39.99358	-109.26783
43047355590000	Thurston Federal #12-1	Producing	SESW	12	12S-21E	692 S	1959 W	39.78280	-109.51768

### TRANSFER OF OPERATOR BLM APPROVED WELLS

**PREVIOUS OPERATOR: Houston Exploration Company** 

NEW OPERATOR: Enduring Resources, LLC EFFECTIVE DATE: September 1st, 2005

					Lease		
Well Name	Q/Q	Sec	T	R	Number	Footages f/ Sec Lines - SL	API Number
Asphalt Wash 19-7	- SW/SW-	7	113	24E	UTU-73010	739' FSL & 029' FWL	43 047-36234
Bonanza 16-18	SE/SE	18	98	24E	UTU-73457	861' FSL & 715' FEL	43-047-35992
Bonanza 4-11	NW/NW	11	98	23E	UTU-74426	671' FNL & 729' FWL	43-047-35968
Bonanza 10D-12	NW/SE	12	98	23E	UTU-74426	1,785' FSL & 1,855' FEL	43-047-35919
Bonanza 12-11	NW/SW	11	98	23E	UTU-74426	1748' FSL & 420' FWL	43-047-35916
Bonanza 14-18	SE/SW	18	98	24E	UTU-73457	472' FSL & 2,010' FWL	43-047-35993
Bonanza 14A-8	SE/SW	8	98	24E	UTU-73457	907' FSL & 2,298' FWL	43-047-35952
Bonanza 16A-27	SE/SE	27	98	24E	UTU-80571	862' FSL & 581' FEL	<b>43-047-35923</b>
Bonanza 2-21	NW/NE	21	88	25E	UTU-73470	1,207' FNL & 1,541' FEL	43-047-35926
Bonanza 3-8	NW/NW	8	98	24E	UTU-73457	573' FNL & 1,518' FWL	43-047-35966
Bonanza 6D-7	SE NW	7	98	24E	UTU-73457	2,310' FNL & 2,310' FWL	43-047-35690
Bonanza 8-11	SE/NE	11	98	23E	UTU-74426	2,163 FNL & 615' FEL	43-047-35907
Bonanza 8B-27	SE/NE	27	98	24E	UTU-80571	1,830' FNL & 735' FEL	43-047-35923
Buck Camp 4-25	NW/NW	25	115	22E	UTU-74424	804 FNL & 695 FWL	43-047-36276
Buck Camp 4-26	NW/NW	26	118	22E	UTU-74974	660' FNL & 660' FWL	43-047-36274
Buck Canyon 1-24	NE/NE	24	128	21E	UTU-73440	488' FNL & 833' FEL	<b>★</b> 43-047-35606
Buck Canyon 15-24	SW/SE	24	-12S	21E	UTU-73440		<del>- 43-047-35905-</del>
Buck Canyon 7-24	SW/NE	<del>-24</del> -	123	21E	UTU-73440	2,041' FNL & 2,171' FEL	43-047-35904
Buck Canyon 9-24	NE/SE_	_24_	_12S_	21E	UTU-73440	1784' FSL & 855' FEL	43-047-35903
Rainbow 1-17	NE/NE	17	118	24E	UTU-73920	795' FNL & 586' FEL	43-047-36151
Southman Canyon #14-30	SE/SW	30	98	24E	UTU-80571	740' FSL & 1,737' FWL	43-047-35914
Southman Canyon #4C-30	NW/NW	30	98	24E	UTU-80571	676' FNL & 568' FWL	43-047-35913
Southman Canyon 12-30	NW/SW	30	98	24E	UTU-80571	1,912' FSL & 513' FWL	43-047-36104
Southman Canyon 8-30	SE/NE	30	98	24E	UTU-80571	1,875' FNL & 818' FEL	43-047-35994
Southman Canyon 9-30	NE/SE	30	95	24E	UTU-80571	2,089' FSL & 831' FEL	43-047-36019

\* 43047-35906 • 43047-35953

# TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING $_{\#_{\mathcal{J}}}$

**PREVIOUS OPERATOR:** Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC EFFECTIVE DATE: September 1st, 2005

					Lease	Footages f/ Sec Lines -			Well
Well Name	Q/Q	Sec	Т	R	Number	SL	API Number	FIELD	Type
Asphalt Wash 11-16-11-24	NESW	16	118	24E	ML-73921	2000 FSL & 1900 FWL	43-047-37088	Undesignated	Gas
Asphalt Wash 12-16-11-24	NWSW	16	118	24E	ML-47080	2060 FSL & 839 FWL	43-047-36873	Undesignated	Gas
Asphalt Wash 14-16-11-24	SESW	16	118	24E	ML-47080	537 FSL & 2140 FWL	43-047-36876	Undesignated	Gas
Asphalt Wash 3-16-11-24	NENW	16	118	24E	ML-47080	825 FNL & 2116 FWL	43-047-36886	Undesignated	Gas
Asphalt Wash 4-16-11-24	NWNW	16	118	24E	ML-47080	521 FNL & 766 FWL	43-047-36885	Undesignated	Gas
Asphalt Wash 5-16-11-24	SWNW	16	118	24E	ML-47080	1880 FNL & 630 FWL	43-047-37089	Undesignated	Gas
Asphalt Wash 7-16-11-24	SWNE	16	118	24E	ML-47080	1781 FNL & 1676 FEL	43-047-36874	Undesignated	Gas
Asphalt Wash 8-16-11-24	SENE	16	115	24E	ML-47080	1905 FNL & 642 FEL	43-047-36875	Undesignated	Gas
Bonanza 14-20	SESW	20	98	25E	ML-45558	838' FSL & 1,922' FWL	43-047-35930	Chapita Wells	Gas
Bonanza 4-20	NWNW	20	98	25E	ML-45558	933' FNL & 583 FWL	43-047-35924	Chapita Wells	Gas
Bonanza 4-29	NWNW	29	98	25E	ML-45559	600' FNL & 596' FWL	43-047-36010	Chapita Wells	Gas
Bonanza 4-36	NWNW	36	98	24E	ML-46527	258' FNL & 862' FWL	43-047-35861	Natural Buttes	Gas
Bonanza 6-20	SENW	20	98	25E	ML-45558	2,178' FNL & 1,839' FWL	43-047-35928	Chapita Wells	Gas
Buek Canyon 9-16-12-21	NESE-	-16	125	21E	ML-47085	1980' FSL & 660' FFL	43-047-37091	Buck Canyon	- Gas-
Buck Canyon 11-16-12-21	NESW	16	128	21W	ML-47085	NA	43-047-37119	Undesignated	Gas
Buck Canyon 13-16-21-21	SWSW	16		21W		NA	43-047-37118	Undesignated	Gas
Buck Canyon 15-16-12-21	SWSE	16	125	21W	ML-47085	NA	43-047-37120	Buck Canyon	Gas
East Bench 1-16	NENE	16	118	22E	ML-46911	660' FNL & 660' FEL	43-047-36126	Undesignated	Gas
East Bench 15-16	SWSE	16	118	22E	ML-46911	545' FSL & 1,848' FEL	43-047-36128	Undesignated	Gas
East Bench 3-16	NENW	16	118	22E	ML-46911	832' FNL & 1,978' FWL	43-047-36125	Undesignated	Gas
East Bench 7-16	SWNE	16	115	22E	ML-46911	1,909' FNL & 1,643' FEL	43-047-36127	Undesignated	Gas
East Bench 12-16-11-22	NWSW	16	118	22E	ML-46911	1862 FSL & 838 FEL	43-047-37128	Undesignated	Gas
East Bench 13-16-11-22	SWSW	16	118	22E	ML-46911	880 FSL & 750 FWL	43-047-37130	Undesignated	Gas
East Bench 14-16-11-22	SESW	16	115	22E	ML-46911	848 FSL & 1930 FWL	43-047-37122	Undesignated	Gas
East Bench 16-16-11-22	SESE	16	115	22E	ML-46911	663 FSL & 1055 FEL	43-047-37121	Undesignated	Gas
East Bench 2-16-11-22	NWNE	16	118	22E	ML-46911	705 FNL & 2077 FEL	43-047-37125	Undesignated	Gas
East Bench 4-16-11-22	NWNW	16	115	22E	ML-46911	760 FNL & 860 FWL	43-047-37126	Undesignated	Gas
East Bench 5-16-11-22	SWNW	16	118	22E	ML-46911	1980 FNL & 758 FWL	43-047-37129	Undesignated	Gas
East Bench 6-16-11-22	SENW	16	115	22E	ML-46911	1887 FNL & 2138 FWL	43-047-37124	Undesignated	Gas
East Bench 8-16-11-22	SENE	16	118	22E	ML-46911	1880 FNL & 780 FEL	43-047-37127	Undesignated	Gas
East Bench 9-16-11-22	NESE	16	115	22E	ML-46911	2035 FSL & 1422 FEL	43-047-37123	Undesignated	Gas
Gusher 6-2	SENW-	2	-69	19E	ML-49144	1550 FNL 1025 FWL	<del>43-047-36963</del>	Moffit Canal	<del>Oil ·</del>
Hanging Rock 1-32	NENE	32	115	23E	ML-47079	542' FNL & 690' FEL	43-047-36309	Undesignated	Gas
Little Pack Mountain 1-16	NWNW	16	128	20E	ML-47082	609 FNL & 688 FEL	43-047-36981	Wildcat	Gas
Little Pack Mountain 7-32	SWNE	32	128	20E	ML-47083	1792 FNL & 1797 FEL	43-047-36980	Wildcat	Gas
Rock House 12-36-10-23	NWSW	36	108	23E	ML-47907	1844 FSL & 755 FWL	43-047-36534	Natural Buttes	Gas
Rock House 13-32-10-23	SWSW	32	108	23E	ML-47063	564 FSL & 471 FWL	43-047-36411	Natural Buttes	Gas
Rock House 1-36-10-22	NENE	36	108	22E	ML-47061	620 FNL & 850 FEL	43-047-36408	Natural Buttes	Gas
Rock House 3-36-10-22	NENW	36	108	22E	ML-47061	934 FNL & 1783 FWL	43-047-36407	Natural Buttes	Gas
Rock House 4-32-10-23	SWNW	32	105	23E	ML-47063	1406 FNL & 562 FWL	43-047-36412	Natural Buttes	Gas
Rock House 7-36-10-22	SWNE	36	105	22E	ML-47061	2209 FNL & 2445 FEL	43-047-36409	Natural Buttes	Gas
Rock House 9-32-10-23	NESE	32	4	SE 27	ML-47063	2008 FSL & 1042 FEL	43-047-36337	Natural Buttos	- Gas-
Rockhouse #13-36	SWSW	36	108	22E	ML-46907	486 FSL & 844' FWL	43-047-35902	Natural Buttes	Gas
Rockhouse 16-2	SESE	2	118	23E	ML-47078	909' FSL & 748' FEL	43-047-36152	Rockhouse	Gas
Seep Springs 10-13-12-24	NWSE	13	128	24E	ML-49275	1950 FSL & 1802 FEL	43-047-36634	Undesignated	Gas
Seep Springs 1-13-12-24	NENE	13	125	24E	ML-49275	753 FNL & 487 FEL	43-047-36628	Undesignated	Gas
Seep Springs 15-11-12-24	SWSE	11	125	24E	ML-49274	829 FSL & 2178 FEL	43-047-36626	Undesignated	Gas
Seep Springs 15-13-12-24	SWSE	13	125	24E	ML-49275	622 FSL & 1806 FEL	43-047-36630	Undesignated	Gas
Seep Springs 16-11-12-24	SESE	11	128	24E	ML-49274	659 FSL & 466 FEL	43-047-36625	Undesignated	Gas
Seep Springs 16-13-12-24	SESE	13	128	24E	ML 49275	686 FSL & 640 FEL	43-047-36629	Undesignated	Gas
Seep Springs 2-13-12-24	NWNE	13	128	24E	ML-49275	465 FNL & 1807 FEL	43-047-36627	Undesignated	Gas
Seep Springs 7-13-12-24	SWNE	13	<b>12S</b>		ML-49275	FNL & FEL	43-047-36631	Undesignated	Gas
Seep Springs 8-13-12-24	SENE	13	128	-		1969 FNL & 642 FEL	43-047-36632	Undesignated	Gas
Seep Springs 9-13-12-24	NESE	13	128	24E	ML-49275	663 FSL & 1960 FEL	43-047-36633	Undesignated	Gas
Southman Canvon 11-36-9-23	NESW	36	98	23E	MI -47782	1965 FSL & 1953 FWL	43-047-36535	Natural Buttes	Gas

### TRANSFER OF OPERATOR STATE OF UTAH APPROVED AND PENDING

**PREVIOUS OPERATOR:** Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC EFFECTIVE DATE: September 1st, 2005

Well Name	Q/Q	Sec	Т	R	Lease Number	Footages f/ Sec Lines - SL	API Number	FIELD	Well Type
Southman Canyon 1-36-9-23	NENE	36	98	23E	ML-47782	681 FNL & 496 FEL	43-047-36537	Natural Buttes	Gas
Southman Canyon 15-36-9-23	SWSE	36	98	23E	ML-47782	529 FSL & 1784 FEL	43-047-36529	Natural Buttes	Gas
Southman Canyon 3-36-9-23	NENW	36	98	23E	ML-47782	464 FNL & 1815 FWL	43-047-36530	Natural Buttes	Gas
Southman Canyon 5-36-9-23	SWNW	36	98	23E	ML-47782	2028 FNL & 499 FWL	43-047-36531	Natural Buttes	Gas
Southman Canyon 7-36-9-23	SENE	36	98	23E	ML-47782	2184 FNL & 1994 FEL	43-047-36536	Natural Buttes	Gas
Southman Canyon 9-36-9-23	NESE	36	98	23E	ML-47782	1978 FNL & 657 FEL	43-047-36533	Natural Buttes	Gas

### RANSFER OF OPERATOL BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC EFFECTIVE DATE: September 1st, 2005

		:			Lease	Footages f/ Sec Lines -	
Well Name	Q/Q	Sec	T	R	Number	SL	API Number
Asphalt Wash 13-6	SW/SW	6	116	24E	<del>- UTU-73919</del>	400' FSL & 550' FWL	
Asphalt Wash 10-9-11-24	NW SE	9	118	24E	UTU-73920	1846 FSL & 1942 FEL	43-047-37071
Asphalt Wash 11-9-11-24	NE SW	9	118	24E	UTU-73920	1799 FSL & 1782 FWL	43-047-37073
Asphalt Wash 12-6-11-24	NW SW	6	115	24E	UTU-73919	1844 FSL & 683 FWL	43-047-37066
Asphalt Wash 14-6-11-24	SE SW	6	118	24E	UTU-73919	704 FSL & 2123 FWL	43-047-37067
Asphalt Wash 14-9-11-24	SE SW	9	118	24E	UTU-73920	460 FSL & 2115 FWL	43-047-37076
Asphalt Wash 15-9-11-24	SW SE	9	115	24E	UTU-73920	804 FSL & 1990 FEL	43-047-37074
Asphalt Wash 16-9-11-24	SE SE	9	115	24E	UTU-73920	826 FSL & 472 FEL	43-047-37075
Asphalt Wash 2-6-11-24	NW NE	6	11S	24E	UTU-73919	735 FNL & 1590 FEL	43-047-37061
Asphalt Wash 2-7-11-24	NW NE	7	118	24E	UTU-73919	621 FNL & 2462 FEL	43-047-37068
Asphalt Wash 2-9-11-24	NW NE	9	11S	24E	UTU-73920	829 FNL & 1774 FEL	43-047-37070
Asphalt Wash 3-6-11-24	NE NW	6	11S	24E	UTU-73919	792 FNL & 1925 FWL	43-047-37062
Asphalt Wash 4-6-11-24	NW NW	6	118	24E	UTU-73919	820 FNL & 1007 FWL	43-047-37063
Asphalt Wash 5-6-11-24	SW NW	6	115	24E	UTU-73919	1738 FNL & 716 FWL	43-047-37064
Asphalt Wash 6-7-11-24	SE NW	7	118	24E	UTU-73919	2013 FNL & 2241 FWL	43-047-37069
Asphalt Wash 7-6-11-24	SW NE	6	118	24E	UTU-73919	1616 FNL & 1615 FEL	43-047-37065
Asphalt Wash 7-9-11-24	SE NE	9	118	24E	UTU-73920	1883 FNL & 1854 FEL	43-047-37072
Asphalt Wash 1-7-11-24	NE NE	7	118	24E	UTU-73919	426 FNL & 270 FEL	43-047-37084
Asphalt Wash 4-7-11-24	NW NW	7	115	24E	UTU-73919	856 FNL & 860 FWL	43-047-37085
Asphalt Wash 7-7-11-24	SW NE	7	118	24E	UTU-73919	1909 FNL & 1893 FEL	43-047-37087
Asphalt Wash 8-7-11-24	SE NE	7	115	24E	UTU-73919	1998 FNL & 683 FEL	43-047-37086
Bonanza 4-7	NW/NW	7	98	24E	UTU-73457	809' FNL & 670' FWL	43-047-36017
Bonanza 8-17	SW/NE	17	98	24E	UTU-73457	1865' FNL & 584' FEL	43-047-36041
Bonanza 11-11-9-23	NE SW	11	98	23E	UTU-74426	2036 FSL & 2043 FWL	43-047-36649
Bonanza 11-12-9-23	NE SW	12	98	23E	UTU-74426	1799 FSL & 1948 FWL	43-047-36655
Bonanza 11-18-9-24	NE SW	18	98	24E	UTU-73457	1785 FSL & 2133 FWL	43-047-36637
Bonanza 12-23-9-24	NW/SW	23	98	24E	UTU-81311	1882 FSL & 699 FWL	43-047-36640
Bonanza 12-35	NW/SW	35	98	24E	UTU 73459	1374' FSL & 858' FWL	43-047-36020
Bonanza 13-11-9-23	SW SW	11	98	23E	UTU-74426	463 FSL & 773 FWL	43-047-36650
Bonanza 13-12-9-23	SW SW	12	98	23E	UTU-74426	661 FSL & 656 FWL	43-047-36528
Bonanza 13-18-9-24	SW SW	18	98	24E	UTU-73457	767 FSL & 583 FWL	43-047-36638
Bonanza 14-11-9-23	SE SW	11	98	23E		756 FSL & 1859 FWL	43-047-36651
Bonanza 14-23-9-24	SE/SW	23	98	24E		560 FSL & 1878 FWL	43-047-36641
Bonanza 15-11-9-23	SW SE	11	98	23E	UTU-74426	660 FSL & 1980 FEL	43-047-36652
Bonanza 15-12-9-23	SW SE	12	98	23E	UTU-74426	607 FSL & 1920 FEL	43-047-36656
Bonanza 15-18-9-24	SW SE	18	98	24E'	UTU-73457	463 FSL & 2162 FEL	43-047-36639
Bonanza 16-12-9-23	SE SE	12	98	23E	UTU-74426	855 FSL & 536 FEL	43-047-36657
Bonanza 16-8	SE/SE	8	98	24E	UTU-73457	588' FSL & 524' FEL	43-047-36101
Bonanza 2-11-9-23	NW NE	11	98	23E	UTU 74426	664 FNL & 1925 FEL	43-047-36643
Bonanza 2-12-9-23	NW NE	12	98	23E		743 FNL & 1962 FEL	43-047-36527
Bonanza 3-11-9-23	NE NW	11	98	23E		499 FNL & 1898 FWL	43-047-36644
Bonanza 3-12-9-23	NE NW	12	98	23E	UTU-74426	734 FNL & 1866 FWL	43-047-36524
Bonanza 4-35	NW/NW	35	98	24E	UTU 73459	789' FNL & 807' FWL	43-047-35925
Bonanza 5-11-9-23	SWNW	11	98	23E		1794 FNL & 609 FWL	43-047-36645
DOIIGI12a J-11-3-23	1 244 1444	<del>- ' '</del>	1 30	1-4-	3.37720		0/20/2005

# RANSFER OF OPERATOR BLM PENDING WELLS

**PREVIOUS OPERATOR:** Houston Exploration Company

NEW OPERATOR: Enduring Resources, LLC EFFECTIVE DATE: September 1st, 2005

					Lease	Footages f/ Sec Lines -	
Well Name	Q/Q	Sec	T	R	Number	SL	API Number
Bonanza 5-12-9-23	SW NW	12	98	23E	UTU-74426	1996 FNL & 558 FWL	43-047-36526
Bonanza 5-18-9-24	SW NW	18	98	24E	UTU-73457	2147 FNL & 662 FWL	43-047-36635
Bonanza 5-22	SW/NW	22	88	25E	UTU-73470	1,932' FNL & 415' FWL	43-047-35918
Bonanza 5-24-9-24	SW/NW	24	98	24E	UTU-73458	2167 FNL & 714 FWL	43-047-36642
Bonanza 6-11-9-23	SE NW	11	98	23E	UTU-74426	2069 FNL & 1801 FWL	43-047-36646
Bonanza 6-12-9-23	SE NW	12	98	23E	UTU-74426	2114 FNL & 1871 FWL	43-047-36525
Bonanza 7-11-9-23	SW NE	11	98	23E	UTU-74426	2060 FNL & 2134 FEL	43-047-36647
Bonanza 7-12-9-23	SW NE	12	98	23E	UTU-74426	2065 FNL & 2159 FEL	43-047-36653
Bonanza 8-35	SENE	35	98	24E	UTU-73459	1987' FNL & 909' FEL	43-047-36105
Bonanza 9-11-9-23	NE SE	11	98	23E	UTU-74426	2008 FSL & 553 FEL	43-047-36648
Bonanza 9-12-9-23	NE SE	12	98	23E	UTU-74426	1980 FSL & 660 FEL	43-047-36654
Bonanza 9-18-9-24	NE SE	18	98	24E	UTU-73457	2009 FSL & 852 FEL	43-047-36636
Bonanza 9-22	NE/SE	22	98	24E	UTU-75118	1,969' FSL & 495' FEL	43-047-36102
East Bench 9-20	NE/SE	20	118	22E	UTU-73905	2,170' FSL & 472' FEL	43-047-36275
Rock House 12-30-10-23	NE SW	30	105	23E	UTU-76281	2320 FSL & 1980 FWL	43-047-36548
Rock House 12-31-10-23	NW SW	31	108	23E	UTU-76281	1900 FSL & 460 FWL	43-047-36552
Rock House 13-30-10-23	SW SW	30	108	23E	UTU-76281	553 FSL & 573 FWL	43-047-36549
Rock House 14-31-10-23	SE SW	31	105	23E	UTU-76281	860 FSL & 1890 FWL	43-047-36553
Rock House 3-31-10-23	NE NW	31	108	23E	UTU-76281	854 FNL & 1940 FWL	43-047-36551
Rock House 5-30-10-23	SW NW	30	108	23E	UTU-76281	1858 FNL & 703 FWL	43-047-36547
Rock House 5-31-10-23	SW NW	31	108	23E	UTU-76281	2055 FNL & 2097 FWL	43-047-36550
Rock House 6-31-10-23	SE NW	31	108	23E	UTU-76281	2059 FNL & 2111 FWL	43-047-36554
Reckhouse #12-39	NW/SW	30	106	23E	UTU-80571	1,980' FSL & 660' FWL	<del>- 43-047-36018</del> 火
Rockhouse 13C-31	SW/SW	31	108	23E	UTU-76281	135' FSL & 365' FWL	43-047-35911
Rockhouse 4D-30	NW NW	30	108	23E	UTU-76281	1,116 FNL & 1,135' FWL	43-047-35882
Rockhouse 4D-31	NW NW	31	108	23E	UTU-76281	990' FNL & 990' FWL	43-047-35807
Southman Canyon 12-3-11-24	NW/SW	3	118	24E	UTU-73918	1,950' FSL & 514' FWL	43-047-36272
Southman Canyon 12-30-10-24	NW/SW	30	10S	24E	UTU-65371	2,118' FSL & 502' FWL	43-047-36238
Southman Canyon 13-30	SW/SW	30	98	24E	UTU-80571	765' FSL & 303' FWL	43-047-36018
Southman Canyon 16-31-10-24	SE/SE	31	108	24E	UTU-65371	621' FSL & 575' FEL	43-047-36270
Southman Canyon 4-30-10-24	NW/NW	30	10S	24E	UTU 65371	649' FNL & 607' FWL	43-047-36237
Southman Canyon 5-19-10-24	SW/NW	19	105	24E		1,978' FNL & 855' FWL	43-047-36236
Southman Canyon 6-30	SE/NW	30	98	24E	UTU-80571	2,015' FNL & 2,581' FWL	43-047-36103

x Duplicate API -Different well name

P:\Operations\Drilling\Uinta 9/20/2005

### OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ

2. CDW

### X Change of Operator (Well Sold)

Designation of Agent/Operator

**Operator Name Change** 

Merger

The operator of the well(s) listed below has changed, effective:				9/1/2005					
FROM: (Old Operator):				<b>TO:</b> ( New 0	operator):				7
					N2750-Enduring Resources, LLC				
1100 Louisiana, Suite 2000			8	7th Street, Si					
Houston, TX 77002					r, CO 80202				-
Phone: 1-(713) 830-6938				Phone: 1-(303	350-5102	**			ı
	CA No.			Unit:		W.,		- **	ヿ
WELL(S)									٦
NAME	SE	C TWI	RNG	API NO		LEASE	WELL	WELL	٦
BONANZA 2-11-9-23	11	2000	230E	4304736643	NO	TYPE Federal	TYPE GW	STATUS	-
BONANZA 3-11-9-23	11			4304736644				APD	
BONANZA 5-11-9-23	111	_	-	4304736645	<del> </del>	Federal	GW	APD	
BONANZA 6-11-9-23	11			4304736646	<del></del>	Federal	GW	APD	
BONANZA 7-11-9-23	11				<del> </del>	Federal	GW	APD	_(
BONANZA 9-11-9-23	11			4304736647	<b>-</b>	Federal	GW	APD	
BONANZA 11-11-9-23				4304736648	<del> </del>	Federal	GW	APD	_(
BONANZA 13-11-9-23	11			4304736649		Federal	GW	APD	
	11		230E	4304736650		Federal	GW	APD	
BONANZA 14-11-9-23				4304736651		Federal	GW	APD	
BONANZA 15-11-9-23	11	090S		4304736652		Federal	GW	APD	(
BONANZA 7-12-9-23	12	090S		4304736653		Federal	GW	APD	
BONANZA 9-12-9-23	12	090S		4304736654		Federal	GW	APD	C
BONANZA 11-12-9-23	12	090S		4304736655		Federal	GW	APD	
BONANZA 15-12-9-23	12			4304736656		Federal	GW	APD	10
BONANZA 16-12-9-23	12	090S	230E	4304736657		Federal	GW	APD	C
BONANZA 9-18-9-24	18	090S	240E	4304736636		Federal	GW	APD	C
BONANZA 11-18-9-24	18	090S	240E	4304736637		Federal	GW	APD	1
BONANZA 13-18-9-24	18	090S		4304736638		Federal	GW	APD	0
BONANZA 15-18-9-24	18	090S		4304736639		Federal	GW	APD	
BONANZA 12-23-9-24	23	090S		4304736640		Federal	GW	APD	+}
BONANZA 14-23-9-24	23	090S		4304736641	<del>                                     </del>	Federal	GW	APD	C
ASPHALT WASH 2-6-11-24	06	1108		4304737061		Federal	GW	APD	
OPERATOR CHANGES DOCULE The date after each listed item is composed in the com	oleted tation was rec	eived fi				9/26/200: 9/26/200:	_		
3. The new company was checked on the		of Con	nmerce,	Division of C	orporations	Database	on:	9/29/2005	
4. Is the new operator registered in the St	tate of Utah:		YES	Business Numl	per: 5	771233-01	61		_
5. If NO, the operator was contacted con	tacted on:	-			•		-		
6a. (R649-9-2)Waste Management Plan ha	s heen receive	od one			Dam4- 1	0/20/05			
6b. Inspections of LA PA state/fee well sit			-	- /-	Requested	9/29/05			
oo. Impections of LATA state/100 Well Sil	es compiete o	11:	_	n/a					

7. Federal and Indian Lease Wells: The BLM and or the I or operator change for all wells listed on Federal or Indian leases of		ved the r BLM	nerger, na _not yet	ame change, BIA n/a
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator fo	r wells listed on:			not yet
9. Federal and Indian Communization Agreements ("	(CA!!)•			
The BLM or BIA has approved the operator for all wells listed v	•		n/a	_
10. Underground Injection Control ("UIC") The D	ivision has appro	ved UIC I	orm 5, Tra	nsfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal well	l(s) listed (	on:	n/a
DATA ENTRY:				
1. Changes entered in the Oil and Gas Database on:	9/29/2005			
2. Changes have been entered on the Monthly Operator Change Sp	oread Sheet on:		9/29/200	5_
3. Bond information entered in RBDMS on:	9/30/2005			
4. Fee/State wells attached to bond in RBDMS on:	9/30/2005			
5. Injection Projects to new operator in RBDMS on:	n/a			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:		9/26/2005	5	
FEDERAL WELL(S) BOND VERIFICATION:			·	
Federal well(s) covered by Bond Number:	UTB000173			
INDIAN WELL(S) BOND VERIFICATION:				
1. Indian well(s) covered by Bond Number:	n/a			
FEE & STATE WELL(S) BOND VERIFICATION:			•	
1. (R649-3-1) The NEW operator of any fee well(s) listed covered b	y Bond Number		RLB00080	031
2. The FORMER operator has requested a release of liability from th	eir bond on:	n/a		***********
The Division sent response by letter on:			_	
LEASE INTEREST OWNER NOTIFICATION:				
3. (R649-2-10) The FORMER operator of the fee wells has been con	tacted and inforn	ned by a le	tter from th	e Division
of their responsibility to notify all interest owners of this change or	n:	n/a	<del></del>	
COMMENTS:				
		*		
		·		

9/29/2005

6c. Reports current for Production/Disposition & Sundries on:

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LE	ASE DESIGNATION AND SERIAL	FORM 9
SUNDRY  Do not use this form for proposals to drill ne	6. IF   n/a   7. UN	INDIAN, ALLOTTEE OR TRIBE NA I NIT or CA AGREEMENT NAME:	AME:	
1. TYPE OF WELL OIL WELL	8. WE	n/a 8. WELL NAME and NUMBER: Bonanza 9-23-12-11 9. API NUMBER:		
2. NAME OF OPERATOR: Enduring Resources, LLC  3. ADDRESS OF OPERATOR: 475 17th Street Suite 1500	Denver STATE CO 718 80202 PHONE NUMBER: (303) 350-57	430 10. F	04736645 TELD AND POOL, OR WILDCAT:	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: 1794' F  QTR/QTR, SECTION, TOWNSHIP, RANGE	NL - 609' FWL, Sec 11-9S-23E		NTY: <b>Uintah</b>	
11. CHECK APPR	OPRIATE BOXES TO INDICATE NATURE OF NOTICE,	REPORT, C	OR OTHER DATA	
TYPE OF SUBMISSION  NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  5/5/2006  SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:	TYPE OF ACTION  ACIDIZE  DEEPEN  ALTER CASING  FRACTURE TREAT  CASING REPAIR  NEW CONSTRUCTION  OPERATOR CHANGE  CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE  PLUG AND ABANDON  CHANGE WELL NAME  PLUG BACK  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FOR	E) Z	Extension	ı
	respectfully request an extension to the expiration date of  Approved by the  Utah Division  Oil  Date: OS  By:			l

(This space for State use only)

NAME (PLEASE PRINT) Alvin R. (Al) Arlian

**RECEIVED** 

Landman - Regulatory Specialist

5/5/2006

### Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Bonanaz 9-23-12-11  Location: 1794' FNL - 609' FWL SWNW Sec 11-9S-23E  Company Permit Issued to: The Houston Exploration Company  Date Original Permit Issued: 4/28/2005	
The undersigned as owner with legal rights to drill on the property as permit above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.	ted
Following is a checklist of some items related to the application, which shou verified.	<u>ld be</u>
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes $\square$ No $\square$	•
Have any wells been drilled in the vicinity of the proposed well which would the spacing or siting requirements for this location? Yes ☐ No ☑	affect
Has there been any unit or other agreements put in place that could affect to permitting or operation of this proposed well? Yes□No☑	he
Have there been any changes to the access route including ownership, or ri of-way, which could affect the proposed location? Yes□No ☑	ight-
Has the approved source of water for drilling changed? Yes□No☑	
Have there been any physical changes to the surface location or access rou which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑	ute
ls bonding still in place, which covers this proposed well? Yes ☑No□	
5/5/2006	
Signature Date	
Title: Landman - Regulatory Specialist	
Representing: Enduring Resources, LLC	RECEIVED

			APR 21	7005			
Form 3160-3				2005	OMB No	PPROVED 1004-0137 arch 31, 2007	
(April 2004)	UNITED STATES	,	3EF 21			HCR 51, 2007	
	DEPARTMENT OF THE				5. Lease Serial No.		
	BUREAU OF LAND MAN	AGEMENT			6. If Indian, Allotee	or Tribe Nar	
	APPLICATION FOR PERMIT TO	DRILL OF	REENTER		N/A	n illocitud	
					7 If Unit or CA Agree	ment Name	and No
la. Type of work	✓ DRILL	ER			N/A	ment, rume	<b>210</b> 110.
iu. Typo or menn	- <del></del>				8. Lease Name and W	/ell No.	
lb. Type of Well:	Oil Well Gas Well Other	Sir	ngle Zone Multip	le Zone	Bonanza 5-11-5		·23-12 -//
2. Name of Oper	_ <del></del>				9. API Well No.		
Z. Name of Opes	Enduring Resources, LLC				43-047-36645		
3a Address 475	5 17th Street, Suite 1500, Denver, CO 80202	3b. Phone No	. (include area code)		10. Field and Pool, or E	xploratory	
54. 1146.000 4/2	7 1/th Street, Butte 1500, 2011 to, 01	303-57	3-1222				
4 Location of W	ell (Report location clearly and in accordance with a	ny State requirem	nents.*)		11. Sec., T. R. M. or Bl	k. and Surve	y or Area
At surface	1794 FNL & 609 FWL SWNW Se	c 11, T9S, R2	3E		SWNW Sec 11,	T05 D23	F
					SWINW Sec 11.	, 193, 105	L
	orod. zone SAME				12. County or Parish	1.	3. State
14. Distance in mil	es and direction from nearest town or post office*				Uintah		UT
15. Distance from location to nea property or lea	rest ise line ft	16. No. of a	of acres in lease 17. Spacing Unit dedicated to this well				
	st drig. unit line, if any)	19. Propose	d Depth	/BIA Bond No. on file			
18. Distance from to nearest well, applied for, on	drilling, completed,	8,345'					
21 Flountions /S	how whether DF, KDB, RT, GL, etc.)	22. Approxi	imate date work will sta	date work will start* 23. Estimated durate			
4,965' Gra	aded Elevation						
		24. Atta	chments				
The following com	pleted in accordance with the requirements of Onshe	ore Oil and Gas	Order No.1, shall be a	ttached to	this form:		
	ied by a registered surveyor.		4. Bond to cover t	he operati	ons unless covered by an	existing bor	nd on file (see
2 A Drilling Plan		مطف ماست.	5. Operator certific	cation			
<ol> <li>A Surface Use SUPO shall be</li> </ol>	Plan (if the location is on National Forest System filed with the appropriate Forest Service Office).	n Lands, the	6. Such other site authorized office	specific in	formation and/or plans as	may be req	uired by the
25 Cianatusa	ann	Name	(Printed/Typed)			Date	
25. Signature			Alex Campbell			09/19	0/2005
Title Vi	ce President of Land						
Approved by (Sign	ature) / /	Name	e (Printed/Typed)			Date	
	7/		Jeer Leva	zha_		2.2.2	2007
Title AS	sistant Field Manager	Offic	· VEDUAI	FIFI	D OFFICE		
VI and		<del></del>	A == 1		ubject lease which would	entitle the ar	policantto
	the applicant he	ide jegal or eni	ntable title to those figi	ուs ու ՄԵՏ	UDICOLICASO WILLOW WORKER	un up	P

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

RECEIVED

FEB 1 3 2007

40061

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

NOS 02/28/05

05PP0270A



### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

**VERNAL FIELD OFFICE** 

170 South 500 East VERNAL, UT 84078

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

**SWNW, Sec 11, T9S, R23E** Location: **Enduring Resources, LLC** Company:

Lease No: UTU-74426 Bonanza 5-11-9-23 Well No:

Agreement: N/A 43-047-36645 API No:

Cell: 435-828-4470 Office: 435-781-4490 Matt Baker Petroleum Engineer: Cell: 435-828-7875 Office: 435-781-4432 Michael Lee Petroleum Engineer:

Office: 435-781-4470 Roger Hall Petroleum Engineer:

Office: 435-781-4502 Cell: 435-828-3913 Supervisory Petroleum Technician: Jamie Sparger Cell: 435-828-4029

Office: 435-781-4475 Paul Buhler **Environmental Scientist:** Office: 435-781-4484 Karl Wright **Environmental Scientist:** Holly Villa Office: 435-781-4404 Natural Resource Specialist:

Office: 435-781-4476 Melissa Hawk Natural Resource Specialist: Office: 435-781-4447 Nathaniel West Natural Resource Specialist: Office: 435-781-4441 Chris Carusona Natural Resource Specialist: Office: 435-781-4437 Scott Ackerman Natural Resource Specialist:

Fax: 435-781-4410 After Hours Contact Number: 435-781-4513

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

### NOTIFICATION REQUIREMENTS

Forty-Eight (48) hours prior to construction of location and access roads. **Location Construction** (Notify Environmental Scientist)

Prior to moving on the drilling rig. **Location Completion** 

(Notify Environmental Scientist)

Twenty-Four (24) hours prior to spudding the well. Spud Notice (Notify Petroleum Engineer)

Twenty-Four (24) hours prior to running casing and cementing all casing Casing String & Cementing

strings. (Notify Supervisory Petroleum Technician)

Twenty-Four (24) hours prior to initiating pressure tests. **BOP & Related Equipment Tests** (Notify Supervisory Petroleum Technician)

Within Five (5) business days after new well begins or production First Production Notice resumes after well has been off production for more than ninety (90) (Notify Petroleum Engineer) days.

COAs: Page 2 of 8 Well: Bonanza 9-23-12-11

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- 1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Environmental Assessment West Bonanza Area Natural Gas Well Development Project Uintah County, Utah*, signed July 18, 2006. If the well has not been spudded by July 18, 2011; a new environmental document will have to be prepared prior to the approval of the APD.
- 2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
- 3. The proposed buried pipelines will be laid adjacent to the access roads, using the road as a working surface. The pipeline trench shall be dug in the borrow ditch of the road and the trench material side cast into the existing vegetation. Upon completion of backfilling the trenches, reclaim with a seed drill using the seed mix listed below. Seeding shall include the area where the trench material was set aside.
- 4. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- 6. The reserve pit will be lined with a 16 ml or greater liner.
- 7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- 8. The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.
- 9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
- 10. Drill cuttings and mud will remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit will not be "squeezed," (filled with soil while still containing

COAs: Page 3 of 8 Well: Bonanza 9-23-12-11

fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit).

11. Prevent fill and stock piles from entering drainages.

### CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.

12. Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

#### WILDLIFE

- 13. There are four Red-tailed hawk nests within 0.50 miles of the proposed location and they are in line-of-site. It is required that the nests will be inactive for two nesting seasons before construction and drilling begins. The nests have been inactive during 2006; therefore, one more year of surveys is required. If the nests remain inactive during the second year of surveys, then construction and drilling will begin outside of the timing restriction from April 1-July 15.
- 14. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.
- 15. Notify the Authorized Officer 48 hours prior to surface disturbance.
- 16. All well facilities not OSHA regulated will be painted Carlsbad Canyon.
- 17. Trees which must be removed from the location must be piled separately off location and saved for final reclamation purposes.
- 18. Interim Reclamation (see below):
- 19. The first 4-6 inches of topsoil from the construction site will be stripped and piled separately from other excavated material.
- 20. Where areas will be set aside on an interim basis (areas due to receive further disturbance prior to final reclamation) these sites will be re-contoured as much as possible, have needed top soil re-spread and planted with the seed mix below:

Indian Ricegrass Pleuraphis hymenoides
Needle and Threadgrass Stipa comata 4lbs. /acre
Hycress Crested Wheatgrass Agropyron cristatum 4lbs. /acre

12 lbs. per acre

- 21. All pounds are in pure live seed.
- 22. Reseeding may be required if first seeding is not successful.

COAs: Page 4 of 8 Well: Bonanza 9-23-12-11

23. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.

- 24. The seed mix listed in the APD (black sage, shadscale, Indian rice grass) shall be used to seed all unused portions of the pad no longer needed for ongoing or future operation. Re-seeding may be required if the first seeding is not successful.
- 25. All seed mixtures shall be weed free.
- 26. The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

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COAs: Page 5 of 8 Well: Bonanza 9-23-12-11

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be at a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

COAs: Page 6 of 8 Well: Bonanza 9-23-12-11

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

COAs: Page 7 of 8 Well: Bonanza 9-23-12-11

10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

COAs: Page 8 of 8 Well: Bonanza 9-23-12-11

15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426						
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:						
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  8. WELL NAME and NUMBER:							
OIL WELL GAS WELL OTHER	Bonanza 9-23-12-11						
2. NAME OF OPERATOR: Enduring Resources, LLC	4304736645						
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 OITY Denver STATE CO 210 80202 PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated						
4. LOCATION OF WELL							
FOOTAGES AT SURFACE: 1794' FNL - 609' FWL	соинту: <b>Uintah</b>						
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 11 9S 23E S	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION  ACIDIZE  DEEPEN	REPERFORATE CURRENT FORMATION						
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  ACIDIZE  ACIDIZE  ACIDIZE  FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON						
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR						
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE						
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL						
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF						
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OTHER: Request for APD  Extension						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vol	umes, etc.						
Enduring Resources, LLC respectfully request an extension to the expiration date of t	his Application for Permit to Drill						
FROM: 5/9/2007 TO: 5/9/2008  Approved by the Utah Division of Oil, Gas and Mining							
By: Proplet Services							
NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Aff	airs Assistant						
NAME (PLEASE PRINT) LYGHE DISSELL TITLE TOGALICITY AND DATE 5/4/2007							

### Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

Well Name: In Location: In Company Perm	1304736645 Bonanaz 9-23-12-11 1794' FNL - 609' FWL nit Issued to: T Permit Issued: 4/	he Houston Ex				
above, hereby v	erifies that the inf	ormation as	o drill on the propert submitted in the produced and does not require to	eviously		
Following is a cl verified.	hecklist of some it	tems related	to the application,	which should be		
	vate land, has the n updated? Yes⊏		changed, if so, has	the surface		
			he proposed well w ation? Yes⊡ No ☑	hich would affect		
Has there been permitting or op-	any unit or other eration of this pro	agreements	put in place that co Yes⊡No⊠	uld affect the		
Have there been of-way, which co	n any changes to ould affect the pro	the access posed loca	route including own tion? Yes⊟No ☑	ership, or right-		
Has the approve	ed source of wate	r for drilling	changed? Yes□No			
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑						
Is bonding still in	n place, which co	vers this pro	posed well? Yes 🛮	No□		
butto	Bissett		5/4/2007			
Signature		<del></del>	Dat	te		
Title: Landman -	Regulatory Specialis	<u>t</u>				
Representing:	Enduring Resources,	LLC				

### **DIVISION OF OIL, GAS AND MINING**

### **SPUDDING INFORMATION**

Name of Con	npany:	y: ENDURING RESOURCES, LLC					
Well Name:_		BONAN	ZA 9-23-12	2-11			
Api No:	43-047-3664	45	_Lease Typ	e: FED	ERAL		
Section 11	Township_	09S Range	23E Cour	ntyUIN	ТАН		
Drilling Cont	ractor	PETE MART	IN DRLG	RIG#_	RATHOLE		
	Date Time How	08/22/07 2:00 PM DRY					
		MERRILL A					
		(435) 828-23					
Date	08/22/07	S	igned	CHD			

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

	-		ENTITY ACTI	ON FORM					
Operator:	OF Enduring Resources, LLC				Operator Account Number: N 2750				
Address:	475 17	th Street, Sulte 150	0			•		•	,
	city De	nver		<u> </u>	•		•		
	state C	0	zip 80202		F	hone <b>N</b> u	mber: _	(303) 350-51	14
Wall 1									
	ertaer :		di Same			TIVE!	Rifo	FT F CSBH	
430473	38645	Bonanza 9-23-12-	-11	SWNW	11	<b>8</b> S	23E	Ulnta	h
Action	Code	TO UNION ENDER	Elementerity:		and lie		A Ea	divasta lana	
		THE MINISTER							
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Commen	bi:CS	LGT=mv	RD			CON	FIDE	NTIAL	
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					eud Die				
Comment	<b>'9</b> :						,		· ·
B - Add r C - Re-ad D - Re-ad	piteh new s new well to new mell to new mell to ssign well to	entity for new well (sing existing entity (group from one existing entit from one existing entit in 'comments' section'	or unit well) by to another existing ent by to a new entity	Num ity Sign Lan	in R. (Al	-	· · · · ·	8/23/200 Date	) <b>7</b>

(6/2000)

AUG 2 3 2007

## **STATE OF UTAH**

CONFIDENTIAL

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426						
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:  n/a						
1. TYPE OF WELL OIL WELL GAS WELL 🗹 OTHER	8. WELL NAME and NUMBER: Bonanza 9-23-12-11						
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 4304736645						
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver  STATE CO ZIP 80202  PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated						
4. LOCATION OF WELL							
FOOTAGES AT SURFACE: 1794' FNL - 609' FWL	соинту: Uintah						
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 11 9S 23E S	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION							
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON						
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR						
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE						
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL  WATER SHUT-OFF						
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE	OTHER: Conduct and Surface						
8/25/2007 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Pipe Report						
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  8-23-2007 MI PETE MARTIN RATHOLE SERVICE AND DRILL 60 FT OF 20" HOLE. RUN 40 FT OF 14" CONDUCTOR AND CEMENT IN PLACE WITH 5 YARDS OF READYMIX CEMENT.  8-24-2007 AND 8-25-2007 MIRU PROPETRO DRILLING AND DRILL 12 1/4" HOLE TO 2,050'.  NO FRESH WATER.  POOH LAYING DOWN DRILL PIPE.  RIH 1 JNT CSG, FLOAT COLLAR, TOTAL OF 46 JNTS CSG, 32#s/ft, J55, 8-5/8", 32# CSG TO 2,024'  RU BIG 4 CEMENTERS & CEMENT (LEAD) 225 SX CEMENT, (TAIL) 225 SX CEMENT, (TOP) 200 SX CEMENT MIX.  Stage: 1, Lead, 0, 225, 16% GEL, 1/4# FLOWCELE, Class G, 3.85, 11.1  Stage: 1, Tail, 0, 225, 2% CACL2, 1/4 FLOWCELE, Class G, 1.15, 15.8  Stage: 1, Top, 0, 200, 2% CACL@, 1/4# FLOWCELE, Class G, 1.15, 15.8							
NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regu	latory Specialist						
8/27/2007							
SIGNATURE DATE 0/21/2007							

(This space for State use only)

AUG 2 9 2007

## COMFIDENTIAL

### ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202

Telephone:

303-573-1222

Facsimile:

303-573-0461

43-047-36695 11 95 23e

September 26, 2007

State of Utah Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE:

Well Logs

Bonanza 9-23-12-11 **SWNW Sec 36-T9S-R23E Uintah County, Utah** 

Ladies and Gentlemen:

Attached is one original copy of the logs run on the above-referenced well.

Please hold this information as "confidential" as long as allowed.

Should you have any questions concerning this matter, please do not hesitate to call 303-350-5114 (aarlian@enduringresources.com).

Very truly yours

**ENDURING RESOURCES, LLC** 

Alvin R. (Al) Arlian

Landman - Regulatory Specialist

ara/

Enclosures as stated:

RECEIVED OCT 0 1 2007

DIV. OF OIL, GAS & KING TO

### STATE OF UTAH

ַ	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426				
SUNDRY	LS	IF INDIAN, ALLOTTEE OR TRIBE NAME:     n/a      UNIT or CA AGREEMENT NAME:			
Do not use this form for proposals to drill ne	ew wells, significantly deepen existing wells below curre terals. Use APPLICATION FOR PERMIT TO DRILL fo	ent bottom-hole dep	th, reenter plugged wells, or to	n/a	OF CA AGREEMENT NAME.
1. TYPE OF WELL  OIL WELL					L NAME and NUMBER: anza 9-23-12-11
2. NAME OF OPERATOR:				9. API I	IUMBER:
Enduring Resources, LLC					1736645 LD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR:	Denver STATE CO ZIP	80202	PHONE NUMBER: (303) 350-5114		esignated
4. LOCATION OF WELL	,	record, related to the control of			RECURSORY OF THE SECOND SECTION SECTIO
FOOTAGES AT SURFACE: 1794'	FNL - 609' FWL			COUNT	y: Uintah
	ge, meridian: SWNW 11 9S 2			STATE	UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPOR	₹T, O	R OTHER DATA
TYPE OF SUBMISSION		7	YPE OF ACTION		
NOTICE OF INTENT	ACIDIZE	DEEPEN		닏	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTUR	TREAT		SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CON	STRUCTION	$\sqcup$	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATO	R CHANGE	Ш	TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON		VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BAC	K		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	<b>✓</b> PRODUCT	ION (START/RESUME)		WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMA	TION OF WELL SITE	$\checkmark$	OTHER: Notice of first gas
1/2/2008	CONVERT WELL TYPE	RECOMPL	ETE - DIFFERENT FORMATION		sales.
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all p	pertinent details i	ncluding dates, depths, volume	es, etc.	
First gas sales on Januar	y 2, 2008.				
This well is connected to	Questar's pipeline system.				
Completion Report to follo	DW.				
Completion (Coperate Value					

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT) Alvin R. (AI) Arlian

**RECEIVED** JAN 07 2008

Landman - Regulatory Specialist

DATE 1/3/2008

Ü		NOTE:	# Dockson	AND STREET, ST	*	The state of the s	The state of the s	The second second	Bernard Transport	The second second	- T	MENDED REPORT   ighlight changes)	FORM 8
											_		

				RTMEN	TATE ( TOF NA FOIL,	TURA	RESC				<i>J</i>		5. L	ghlight o	REPORT [ changes) SIGNATION AN	٠		RM 8
								,						JTU-7	4426 ALLOTTEE OR	TRIBI	E NAME	
WEL	L COM	PLET	ION	OR F	RECO	MPL	ETIC	N RE	EPOF	RT AND	LOG		<u> </u>	V/A				
1a. TYPE OF WELL		OI WI	ELL	] ;	GAS WELL		DRY		ОТН	IER			- 🗀	N/A	AGREEMENT			
b. TYPE OF WORI NEW WELL	(: HORIZ. LATS.	DE EN	EEP-	] ¦	RE- ENTRY	]	DIFF. RESVR.		ОТН	IER					E and NUMBEF IZA 09-23-		11	
2. NAME OF OPERA Enduring		s, LLC			, .									рі <b>п</b> имві 43047	ER: 36645			
3. ADDRESS OF OF 475 17th St		500 c	ny Dei	nver		STATE	со	zii: <b>802</b>	202		NUMBER: 3) 573-	1222			POOL, OR WIL Signated	DCA	Г	
4. LOCATION OF W AT SURFACE:			9' FW	'L										OTR/OTR MERIDIAN	, section, to 11 9S		iip, range, 23E S	
AT TOP PRODU	CING INTERVA	AL REPOR	RTED BEL	.ow: S	ame a	s abo	ve											
AT TOTAL DEPT	н: same	as ab	ove							· · · · · · · · · · · · · · · · · · ·		·		COUNTY Jintah		13	. STATE U	ТАН
14. DATE SPUDDEI 9/15/2007		DATE T. 9/25/2	2007			2008		A	ABANDON	ED 🗌	READY TO	PRODUC	E <b>[</b> ]		vations (df, f 979 RKB	rkb, f	RT, GL):	
18. TOTAL DEPTH:	MD 8,67	75	1	9. PLUG	BACK T.D	.: MD	8,615		1	MULTIPLE CO	OMPLETION	S, HOW	MANY? *		UG SET:	MD TVD		
22. TYPE ELECTRIC	C AND OTHER	MECHAN	IICAL LOC	3S RUN (	Submit cop	y of each	)			23.								
Previously s	ubmitted									WAS WELL			NO NO		· — ·		t analysis)	
ST	DSN	<i>a. b</i>	CT	D						WAS DST DIRECTION	KUN? NAL SURVE	<b>/</b> ?	NO.		= `		t report) t copy)	
24. CASING AND L			•		ell)				· · ·						. <u>  </u>	-		
HOLE SIZE	SIZE/GRAI	DE	WEIGHT	(#/ft.)	TOP (	MD)	вотто	M (MD)		CEMENTER EPTH	CEMENT T NO. OF SA		SLUI VOLUM		CEMENT TOP	**	AMOUNT F	ULLED
20"	14"		line p	ipe		)	4	0			3 yards	100			0 (CIR	)	0	
12-1/4"	8 5/8	J55	32	#	10	3	2,0	024			CIG	650	24	<b>11</b>	16 (CIF	?)	0	
7-7/8"	4 1/2 N	V180	11.6	0#	10	3	8,6	559			CIG	1,365	47	72	730(CB	L)	0	
												<u> </u>						
25. TUBING RECOR	RD														<u> </u>			
SIZE	DEPTH SI	ET (MD)	PACK	ER SET (I	MD)	SIZE		DEPTH	SET (MD	) PACKE	R SET (MD)		SIZE	D	EPTH SET (MD	)	PACKER SE	T (MD)
2 3/8"	8,4	53	<u> </u>													_L		
26. PRODUCING IN											RATION REC				I			10
FORMATION	NAME	TOP (	-	-	M (MD)	ТОР	(TVD)	воттог	M (TVD)		L (Top/Bot - I		SIZE	NO. HOL		_	TION STATE	7
(A) Wasatch (B) Mesavero	10		556 564	_	189 486			<u> </u>		5,656 6,564		489 486	.38"	39 213		-	queezed	╬
(C)	le .	0,0	004	0,	+60					0,304		400	.30	213	Open	-	queezed	<del>-</del>
(D)						:									Open	-	queezed	
28. ACID, FRACTUR	RE. TREATME	NT. CEME	NT SQUE	EZE. ETC				L			. d. <u>neder e. d</u>						4	
<del></del>	NTERVAL	.,				<del></del>	<del></del>		AM	OUNT AND T	YPE OF MAT	ERIAL					······································	
5,656 - 6,489			Place	ed 80	045 lb	s Otta	wa 30	)/50 ar	nd 16	100 lbs t	reated 2	0/40	nropp	ant in '	Wasatch f	orm	nation	
6,564 - 8,486										ant in Me						•		-
-,								<u> </u>										
=	ACHMENTS: RICAL/MECHAI Y NOTICE FOI			CEMENT	VERIFICA	TION		GEOLOGI			DST REPOR	r [	DIREC	TIONAL S	HDVEV.		status: Oducir	ng

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

	the state of the s									
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED	);	TEST PRODUCTION	OIL – BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
1/2/2008		1/15/2008	}	19	92	RATES: →	0	1,000	19	8 day avg
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION	OIL – BBL:	GAS - MCF:	WATER BBL:	INTERVAL STATUS:
64/64	300	850				RATES: →	0	933	0	Producing
				INTE	ERVAL B (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED	:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS:
				INTE	ERVAL C (As show	wn in item #26)	,,,,,,, <u>,</u>			
DATE FIRST PR	ODUCED:	TEST DATE:	·	HOURS TESTED	):	TEST PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS:
				INTE	ERVAL D (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED	:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER - BBL:	INTERVAL STATUS:
32. DISPOSITIO	N OF GAS (Sold,	Used for Fuel, Ve	nted, Etc.)	-						•
33. SUMMARY	OF POROUS ZON	ES (Include Aquif	ers):			3	4. FORMATION (Lo	g) MARKERS:		
	nt zones of porosity sed, time tool oper			ls and all drill-stem ecoveries.	tests, including de	pth interval				

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River Wasatch Mesaverde	1,286 4,586 6,546

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from	m all available records.
NAME (PLEASE PRINT) Kevin Lee	TITLE Engineering Tech
SIGNATURE L' LU	DATE 1/22/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Div

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.



### **Enduring Resources, LLC**

475 17th St. - Suite 1500 Denver, CO 80202 (303) 573-1222

## Drilling Chronological Regulatory

				Well Nai	me:E	BONANZA 09-2	23-12-11				
Field Name:		Bonan	ıza	S/	T/R:	11/9S/23E		County,Stat	e: Ul	NTAH, UT	
		uring Reso	urces, LLC	Location De	esc:			Distric	ct:	Vorthern	
Project AFE:		DV005	21	AFEs Asso	ciated	t I	,,				111
					Da	aily Summary					
Activity Date :	1 8	3/23/2007	Days Fro	m Spud :	0	Current Depth :	60 Ft	24 Hr. Foota	ge Made :		60 F1
Rig Company			<u></u>			Rig Name:					
Formation :						Weather:					
	118.5				-	Operations		e Project			.19
Start Hrs (	Code	And the second	Grand September September		F	Remarks		7-7,400 -¥1,00	Start Depth	End Depth	Run
6:00 8.00	24		ON CONDUC						0	0	NIH
14:00 4.00	02					" CONDUCTOR HOLI DS OF READYMIX.	E. RUN 60 F1	T OF 14"	0	60	NIH
18:00 12.00	24	SDFN	OK AND CE	MICIAL AALLII	JIAN	DO OF READ TWIA.			60	60	NIH
Total: 24.00										<u> </u>	
		263			Da	aily Summary					
Activity Date :		3/24/2007	Days Fro	m Snud ·	0	Current Depth :	420 Ft	24 Hr. Foota	ge Made :		360 F1
Rig Company	_	312412001	Daysilo	пгораа . ј		Rig Name:	12014	2111111000	go maao i		
Formation:						Weather:					
			. 15. 15. 11. 11. 11.			Operations	. servali e di Si		a garage	ar rai	
Start Hrs (	Code				F	Remarks			Start Depth	End Depth	Run
6:00 12.00	24	WAITING	ON SURFACI	<u> </u>	•				60	60	NIH
18:00 12.00	02	MI PROPE	TRO DRILLI	NG AND DRII	LL 12 1	/4" HOLE TO 420 FT.			60	420	NIH
Total: 24.00											
			.00		Da	aily Summary					
Activity Date :	<b>1</b> 8	3/25/2007	Days Fro	m Spud :	0	Current Depth :	1780 Ft	24 Hr. Foota	ge Made :	1	360 F
Rig Company						Rig Name:					
Formation :						Weather:					
া সংক্রার্থিক বি	17 (4-) 13 (4-) 18 (4-)	A.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> Paalus</u>	Operations				Artini Care	1.55
Start Hrs	Code	The second secon	na Navigoria. Biological Per	1 (144-168) (144-168)		Remarks		na a deletario del Maria de la composición del composición de la composición de la composición del composición de la composición del composición del composición del composición del composición	Start Depth		Run
6:00 24.00	02	drill 12 1/2	" hole to 1780	ft. NO WATE	ER DUI	RING DRILLING			420	1780	NIH
Total: 24.00											
					Da	aily Summary					
Activity Date :	1	3/26/2007	Days Fro	m Spud :	0	Current Depth:	2050 Ft	24 Hr. Foota	ge Made :		270 Ft
Rig Company						Rig Name:					
Formation :						Weather:					
					n serve pare La la vala	Operations					
Start Hrs (	Code			i english Ledwin	F	Remarks			Start Depth		
6:00 8.00	02		1/4" HOLE TO						1780	2050	NIH
14:00 16.00	12	RUN 46 JT	TS OF 8 5/8" 3	32# J55 CAS	ING TO	) 2024 FT. PROPETR TH 200 SX.CEMENT H	O CEMENTE	D WITH 225 REACE.	2050	2050	NIH
Total: 24.00		ON LLAD,	LLU UK IAIL,	, and for the	****	O. O.C.OLIVICIATI					

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**JAN 2 5 2008** 

DIV. OF OIL, GAS & MINING

					W	ell Na	me:E	BONAN	ZA 09-	23-12	-11		Marija.			
Field	Name	e:	Bonan	za	1,52	S	/T/R:		11/9S/23	E		Count	y,Stat	e: U	INTAH, U	Γ
0	perato	r: End	during Reso	urces,	, LLC Lo	cation D	esc:						Distric	t:	Northern	
							Da	aily Sum	тагу							
Activit	y Date		9/13/2007	Day	s From	Spud:	0	Current	Depth:	205	0 Ft	24 Hr.	Foota	ge Made :	1	0 F
Rig Co	mpan	/:		ENS	IGN USA	4		Rig N	ame:				ENSI	GN 79		
Form	ation:	9.93 1.383		S	urface			Wea	ther:							
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				nisa ikan 1788 Kali		e ja Merdeji Apartik	Operation	ns		115 (115 (115 (115 (115 (115 (115 (115	esete de l' Recons				
Start	Hrs	Code		. 3	×		F	Remarks						Start Dept	End Dept	n Run
6:00	1.00	21	W.O. trucks	s.										2050	2050	NIH
7:00	12.00	01	Safety mee	eting wi	th WestR	oc Truck	ing & all	personnel	. Load out	Rig on H	langin	g Rock 1	1-23-	2050	2050	NIH
			14-36 & money rotating	g head	. Set Sub	Structure	1. ( 44 r e, Draw	nile move Works, Da	). Set B.O. y Tank / T	op Dog l	rotati Iouse	ng head, , & Mud	install Tank.			
19:00	11.00	21	Rig Idle.											2050	2050	NIH
Total: 2	24.00											<u>.</u>				
							Da	aily Sum	mary	4. W						
Activit	y Date		9/14/2007	Day	s From	Spud:	0	Current	Depth:	205	0 Ft	24 Hr.	Foota	ge Made :		0 F
Rig Co	mpany	<b>/</b> :		ENS	IGN USA	4		Rig N	ame:				ENSI	GN 79		
Form	ation:	eri seri Salahar		S	urface			Wea	ther:							
	11 01040	Visit i gjeta gegeten						Operation	ons					1 (1) (1) (1) (1) (1) (1) (1) (1) (1)	. #] 	JAPAN
Start	Hrs	Code	)	7.54	y Amir A	A Section	F	Remarks			Herifi Language			Start Dept	n End Dept	n Run
6:00	1.00	21	W.O. dayliç	ght to s	et Rig in.					•				2050	2050	NIH
7:00	5.50	01	Pin derrick											2050	2050	NIH
12:30	13.00	01	R/U Ensigr bushings.	1 79. Ra	aised derr	ick @ 16	:00 hou	rs. Continu	ie R/U. Ins	tall new r	rollers	in kelly		2050	2050	NIH
1:30	4.50	15	Safety mee	eting &	R/U B&C	Quick Te	est. Test	Pipe Ram	s, Blind R	ams, Cho	oke m	anifold, 8	all	2050	2050	NIH
•			valves to 2 back to pur				gh. Test	Annular to	250 psi Lo	ow / 1,50	0 psi l	High. Tes	st			
Total: 2	24.00		pack to pur	nps to	1,000 psi											
			i z chod mi	e pessy	1801	Augus Dolf	N	/lud Prope	erties	. 42.1356	Report		177 17	a Nasa in Alife		in Fault (
Depth	Time	Wi	In Wt Out	Vis	PV Y	>   G	iels	FL	HTFL	FC	НТ	FC :	Solid	Water	Oil	Sand
2050	6:00	8.	34 8.34	27	0 0	0/	/0/0	0.0	0.0	0	0.	00 (	0.0%	0.0%	0.0%	0.0%
MBT	pН	Pn		Vlf	Cl	Ca	ES	Pom	W. P. C.			CaCl2			/ Ratio M	
0.0	8.4				900	200	0	0.00		0		0	0.	.00		0
Vater I	oss	LCM		L Tem	p UF	Te Marie		Remark	AND THE STREET AND THE STREET					•		72.1
0		0.0	0.0	78				RESER	VE PIT V	VATER.						

JAN 2 5 2008

DIV. OF CITE CASE OF THE PA

			Well Na						BOTHER STORY			
Field Name:	Bonar		770.00000000000000000000000000000000000	S/T/R:	1	1/9S/23	<u> </u>	Co	unty,Sta		UINTAH, UT	
Operator: E	nduring Reso	ources, LLC	Location I					STN Ness	Dist	rict:	Northern	
			destan	Da	aily Sumr	nary	1,000				3.4	
Activity Date :	9/15/2007	- A Sierran	m Spud:	0	Current D		2133	Ft 24 l		age Made	# . **	83 F
Rig Company :		ENSIGN			Rig Na	And the property of the			ENS	SIGN 79		
Formation :		Green R	ver		Weath						w//y	
and the lower	The Miller Service		HADARANI TINING SANGARANI Birangan dan biranggan		Operation	าร					eria	T
Start Hrs Co					Remarks					3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	th End Depth	
6:00 1.50 1		Test, tested								2050	2050	NIH
7:30 1.50 0		r bushing. R/								2050	2050	NIH
9:00 4.50 2	Safety med	eting with Ca hole. R/D P	liber. R/U P/ 'U machine.	U macnii	ne. P/U B.H	.A. to 1,U	59°. Бгорр	ea nut on	on pipe	2050	2050	NIH
13:30 2.50 0									-	2050	2050	NIH
16:00 0.50 2	_	net & wireline								2050	2050	NIH
16:30 1.50 2°	R/U D.C.T	., make up m	agnet, span	g jars, &	cross overs	. G.I.H. to	o 1,875' ( t	agged ) b	eat dowr	2050	2050	NIH
18:00 6.50 0		1,878'. P.O. & P/U drill p				e truck.				2050	2050	T 1
0:30 1.50 2		nt & float equ								2050	2050	+ -
2:00 0.50 0:		,040' to 2,066				6' KB )				2050	2050	1
2:30 0.50 0		66' to 2,071'.								2050	2071	1
3:00 0.50 0		Pump LCM	sweep aroui	nd @ 2,0	)71'					2071	2071	1
3:30 0.50 2		I.T. Closed a	nnular, oper	HCR. S	lack off with	drill pipe	e. Max. pre	ssure 92	psi & ble	d 2071	2071	1
4.001 0.501 0	to 0 psi.	71' to 2,101'.	/ Miss Islands 1	CM avera	\ Cinavilat	. 0				2071	2101	1 1
4:00 0.50 0: 4:30 0.50 2		I.T. to 10.0 p				e a spot s	sweep.			2101	2101	1 1
5:00 0.50 0		01' to 2,133'.	pg Livivi ( o	. ppg ·	172 p31 /					2101	2133	1
5:30 0.50 1		Wireline Su	rvev @ 2.05	5' = .74 (	degrees	· · · · · · · · · · · · · · · · · · ·				2133	2133	1
Total: 24.00												, <b>.</b>
		THE WAR I	giver i	, l	Mud Proper	ties	Same of Same	n vin eren jih leren d aprikopalia bildaksi		3.4.3	100	
Depth Time V	Vt In Wt Ou			Sels		HTFL	FC	HTFC	Solid			Sand
	3.34 8.34	27 0	<del></del>	/0/0	0.0	0.0	0	0.00	0.0%			0.0%
		Mf CI	Ca	ES	Pom	Lime			147 1136 11 1301		W Ratio Mu	
		.00 900	200	0	0.00	0.00	0	0		0.00		0
Vater Loss LCN 0 0.0		L Temp 78	UFT		Remarks RESERV		/ATED	n V - prof	<u> </u>			
0   0.0	0.0	70		S. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.			VAILIN.					
				Da	aily Sumr	nary						
Activity Date :	9/16/2007		m Spud :	0	Current D		3533	Ft 24 l		age Made	:	1400 F
Rig Company :		ENSIGN			Rig Na				ENS	SIGN 79		
Formation:		Green R	ver		Weath		5 54, 5ee	Alexandria de la Compansión de la Compan	, a 84001.		0.77 3.47	
					Operation	1S	n na hairin da san Na hairin da san da s Na hairin da san da	ne in tweety of the New York States and the		lot to	# IE - I D - #	T 5
Start Hrs Co			<u> </u>	100	Remarks					10 98 V 10 1	th End Depth	
6:00 5.00 02		33' to 2,475'.	WOB 12-18	K, RPM	35-45, MTR	.57				2133	2475	1
11:00 0.50 0			WOD 14 10	V DDM	25 45 MTD	£7				2475 2475	2475 2632	1
11:30 2.50 02 14:00 0.50 10		75' to 2,632'. Wireline Su			-	57.	<u>.</u>			2632	2632	1
14:00 0.50 10 14:30 8.50 02		32' to 3,128'.				57				2632	3128	1 1
23:00 0.50 10		Wireline Su								3128	3128	<del>                                     </del>
23:30 6.50 02		28' to 3,533'.			_	57				3128	3533	1
Total: 24.00		3,000.		,				-		1		
	New Action			K	lud Proper	ties	Sealant Act	Ar su agu	new No. 1 - 1 - 1	entera de la composition della	en grande grande. Staffigere	
Depth Time V	Vt In   Wt Ou	Vis PV	YP G	Sels		HTFL	FC	HTFC	Solid	Water	Oil	Sand
3533 6:00 8	3.34 8.34	27 0		/0/0	0.0	0.0	0	0.00	1.0%			0.3%
	the state of the s	Mf CI	Ca	ES	Pom	Lime	_				W Ratio Mu	
0.0 10.70 0		.25 650	640	0	0.00	0.00	0	0		0.00		0
Water Loss LCN			UFT		Remarks			<u> 125 Pajo</u>	Alg.	- Printing		
0 0.0	0.0	78			GYPSUM	1 WATE	R.	Land Janes		1 m 1		
Page 3 of 10			D	owered i	by Producti	ion Acce	ee	64 04.023	was produced in		1/22/20	വെ

					Wel			ONAN			<u>-11</u>		10					
Field Name		Bon	anza			S/T/	/R:		11/9S/23	E		Col	unty,S		U	INTAH		
Operator	: Endu	ring Re	sources	, LLC	Locat	tion Des	sc:						Dis	strict:		Northe	rn	
							Da	ily Sum	mary	ANN DESCRIPTION OF THE PARTY OF		egalerber Valentak						7.00
Activity Date	: 9	/17/200	7 Da	ys Fro	m Spi	ud :	0	Current	Depth:	467	9 Ft	24 H	Ir. Fo	otage M	ade :		1	146
Rig Company				SIGN (				Rig N						ISIGN 7				
Formation :			٧	/asatc	:h			Wea										
				Mina			AND ST	Operation	ns			1.7		7 7 W	. The section	. * * * * . * . * . * . * . * . * . * .		7 ( ) ( ) ( ) ( ) ( ) ( )
Start Hrs	Code						R	Remarks					- 7 89 1972	Star	t Deptl	n End D	epth	Rur
6:00 1.00	02	Drill F/ 3	3,533' to 3	3,622'.	WOB '	15-20K, F	RPM 4	40-45, MTI	₹ 57					3	533	362	2	1
7:00 1.00	10	Circulate	e & Wirel	ine Su	rvey @	3,547' =	1.39	degrees						3	622	362	2	1
8:00 7.00	02	Drill F/ 3	3,622' to 4	4,121'										3	622	412	1	1
15:00 0.50	07	SERVIC	E RIG											4	121	412	!1	1
15:30 0.50	10	RUN SU	JRVEY @	4,047	′ = 1.36	INC CC	RRC	ETED						4	121	412	!1	- 1
16:00 2.00	02	DRILL F	/ 4,121'	T/ 4,30	)7'									4	121	430	7	1
18:00 6.00			/ 4,307'											4	307	452		1
0:00 0.50	21	SWITC	1 #2 PUN	/IP MA	KE SUI	RE PUM	P IS V	WORKING	, SWAP B	ACK TO	PUM	1P #1		4	528	452	28	1
0:30 3.00			/ 4,528'											4	528	461	7	1
3:30 0.50			JRVEY @			INC CO	RREC	CTED						4	617	461	7	1
4:00 2.00	02	DRILL F	/ 4,617	T/ 4,67	9									4	617	467	79	1
Total: 24.00						*		I		- 25. J. T. J.	Car Living I			TO THE BOOK OF				
	T 3644 1	lsav. e	5 (15)	Love	I VOIT			lud Prope		<u> </u>	1 1 1	TEO	I 0-1	LI I VAZ	I	01	1 6	اء در د
Depth Time	Wt li			PV	YP	Gels	. 39	FL	HTFL	FC		TFC	Soli	Control of the Control	oter 0%	Oil	_	and
4300   15:30	8.50		0 31 Mf	CI	2	1/2/2	ES	0.0 Pom	0.0 Lime	0 Total		.00 CaC	2.0	<u>%   98.</u> EDTA		0.0% / Ratio		11%
MBT pH 0.0 8.98	Pm 0.15	Pf 0.05	0.25	1000		Ca 200	0	0.00		0		0	_	0.00	Oivi	Italio		0
<del></del>	_CM T	ECD	FL Ten		UFT	- T		Remark		<u> </u>				0.00			L	<u> </u>
	0.0	0.0	80	ייי	01 1	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		A Company of the Company	la Ash ar	nd flippir	na sv	stem	to mu	d up				
	0.0			euzu ngsas							-9 -7	Se Visionia	48×44: 545: 15	r	Section 1909	3559-12-99	45.89883243	78,36,67
		100					regestations	ily Sum	CO. 200 TO THE TAX ST.						Äles (o.e.	AMERICA.		
Activity Date		/18/200			m Spi	ud :	0	Current		570	5 Ft	24 F		otage M			10	026
Rig Company	1			SIGN (				Rig N					EN	ISIGN 7	9			
Formation:				Vasato	h			Wea										
<u> </u>								Operation	ns		<u> </u>		<u> </u>			T=	-	
Start Hrs	Code					in Alpha	R	temarks	a digital					V., 114		End D		Rur
6:00 8.00			/ 4,679'	T/ 5,11	15'										679	511	$\overline{}$	1
14:00 0.50		SERVIC													115	511		1
14:30 0.50			JRVEY @			NC. COF	RREC	TED							115	511		1
15:00 3.00			/ 5,115'												115	526		1
18:00 10.00			/ 5,269'												269	564	_	1
4:00 0.50			JRVEY @			3									643	564		1
4:30 1.50	02	DRILL F	7 5,643	T/ 5,70	)5									5	643	570	15	1
Total: 24.00					24		in ny Ses		-41	Tegje tema taj as	arigin s	Na sy	er garri	L CROATAN	:	W - 1,	5 150	
Donth   Time	T \A/4 1.	N/4 C	) tel 1/60	I DV/	YP	Cal		lud Prope	rties HTFL	FC	u	TFC	Soli	id M	ater	Oil	7 6	and
Depth Time	Wtli		Out Vis 0 41	PV   11	9	Gels 5/11/		8.2	0.0	1		.00	3.29		8%	0.0%	_	.2%
5000   12:40 MBT   pH	8.80 Pm	8.8		Cl	لستها		ES	<u>8.2</u>     Pom			_	.00 CaC		M 196. EDTA		/ Ratio		
	0.20	1	Mf 0.15	900		Ca 20	0	0.00				CaC 0		0.00	10/11	INAUU		0
	_CM		FL Ten		UFT '	7	-	Remark		1 0		<u> </u>	Verkel in	0.00	<u> </u>			<del>-</del>
	0.0	0.0	93	<u>''   ''</u>	<u> </u>			Tomaik	<u> </u>	<u>. +                                   </u>			1997	91.7%				
· 1	U.U	0.0	1 30			1												



						We	II Na	me:B	ONAN	Z/	A 09-2	23-12	-11						6 (17) (15)	
Field	Name	e:	Boı	nanza		ger Niff siz General (CZ		/T/R:			/9S/23E			Cou	inty,Sta	ite:	U	INTAH,	UT	
O	perato	r: En	during R	esources	, LLC	Loca	ition D	esc:							Distr	ict:		Norther	n	
					The state of				ily Sum	m	ary	gHala:			1945	Sec. 1557	**************************************	V. 44.5 (1.1.)		
Activit	y Date	•	9/19/20	07 Da	ys Fro	m Sp	ud : l	0	Current	19.70		6390	) Ft	24 H	r. Foot	age M	ade:		(	685 F1
Rig Co		_	07.107.20		SIGN				Rig N							IGN 7				
	ation :								Wea	the	er:									
	VALUE OF				r r Languagea	1 (27 / 1905) 1 (4)	Calleria Calleria	1 48 Kg	Operation	ns	\$	r ajus u		in an albei	i di ere di. Listi	erte. Griss Saucet		arcal in the		
Start	Hrs	Cod	е	74. T.		Medicinal of		F	emarks					The ta		Star	t Depth	End De	pth	Run
6:00	5.50	02	DRILL	F/ 5,705'	Γ/ 5,89	2'											705	5892		1
11:30	0.50	07	SERVI														892	5892	_	1
12:00	0.50	02		F/5,892' <sup>-</sup>					*****								892	5910		1
12:30	0.50			PAIR WO			L LINE	:S									910	5910		1
13:00	5.00			F/ 5,910'													910	6110		1
18:00	12.00	02	DRILL	F/ 6,110'	17 6,39	O,										6	110	6390	,	1
Total:	24.00	L			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					4.1	<u>L'al</u> ei app				1				,	
Donth	Time	LVA	t In  Wt	Out Vis	PV	ΥP	C	els	lud Prope		ITFL	FC	НТ	FC I	Solid	Wa	ater	Oil	T s	and
Depth 5950	13:10		10 9.		12	11	100,000 110	5/27	8.4	_	0.0	2		00	4.8%	95.	1, 27, 171	0.0%		.2%
MBT	pH			Mf	CI		Ca	ES	Pom		Lime	Total S		CaC		DTA		Ratio		
17.5			0.10	0.20	800		160	0	0.00	_	0.00	0		0		0.00				0
Water		LCM	ECD	FL Ten		UFT		Jan 1	Remark	(S								4, 489.7		
0		0.0	0.0	104																
711.05534	- New Year		100000000000000000000000000000000000000				£10000	Da	ily Sum	m	arv			7350		no-				
A odin did	y Date	· I	9/20/20	07 Da	ys Fro	m Sr	d · l	0	Current	865 Y)	107.5VA.590000	6639	) Ft	24 ⊦	Ir. Foot	ane M	ade :	1	serving)	249 F
	ompany		9/20/20		SIGN		,uu . <sub> </sub>		Rig N			0000	<i>7</i> 1 <b>q</b>	<u> </u>		IGN 7		·!		
	nation				esaver				Wea											
	iddoi:		43/11/25				den jegan e		Operation						18, 6		* .		- 24	
Start	Hrs	Cod	el		<u> </u>			- F	Remarks							Star	t Depth	End De	epth	Run
6:00	4.50		2016 R. REST	F/ 6,390	T/ 6.51	7'	n nijek (je zr.) s				<u> </u>					6	390	651	7	1
10:30	1.00			SWEEP												6	517	651	7	1
11:30	0.50		SERVI	CE RIG												6	517	651	7	1
12:00	6.00	06	PUMP	SLUG AN	D T.O.	O.H. I	_/D #1	BIT P/U	BIT #2							6	517	651	7	1
18:00	1.00	06	T.I.H. 1	ГО 1,977'				** .									517	651		1
19:00	1.00	09	CUT O	FF 50' DF	RILL LII	ΝE											517	651		1
20:00	0.50			UP BREA			TION										517	651		1
20:30	4.00			I T.I.H. TC					41 900								517	651		1
0:30	0.50	_		LLY AND			VN TO	6,517'	4' FILL								517	651		2
1:00	5.00	02	DRILL	F/ 6,517'	1/ 6,63	59 <sup>.</sup>							•			1 6	517	663	ਰ	
	24.00	L		TT and a Company	+ 10	r dayanay			12 P	المن	Same sec		SePtoning		Trikipletan	- V 10 1 V	er Ghere Gr	A		WENT OF THE
Total:			t In IVA/4	Out Vis	PV	YP	<u> </u>	iels	Nud Prope		es ITFL	FC	шт	FC	Solid	I w	ater	Oil	T 9	Sand
	Ti	1 14	THE LAAF	Out VIS		5		9/18	9.7	-	0.0	1	_	00	5.6%		.0%	0.2%		0.2%
Depth		_	40 0	40 37	1 11								, .		0.070	· · ·				
Depth 6517	10:00	) 9	40 9.		11 Cl	<u> </u>			Pon	1	Lime	Total :	Sal.	CaC	)2   F	DTA	O/W		Mud	Loss
Depth 6517 MBT	10:00 pH	) 9   Pi	n Pf	Mf	CI		Са	ES	Pon 0.00	-	Lime 0.00	Total :	Sal.	CaC 0		DTA 0.00		Ratio 100		l Loss
Depth 6517	10:00 pH 8.80	) 9	n Pf 20 0.05		CI 850				Pon 0.00 Remark	2		+	Sal.					Ratio		<del></del>



r: I	TAT		Dono			AAGI		/T/R	UIA		/9S/23	<u>23-12</u>		Cou	nty,Sta	to:	1.11	NTAH,	I IT	States Con-
	d Name	10.0	Bona uring Res		11.0	Loca	11.	O 45/Aur96/194		1 1/	193123	<u> </u>		Cou	Distr			Northe		
	регасо	1. <sub> </sub> ⊑11u	uring ixes	ources	, LLO	LUCA	uon L				25.22		armerica	Transport Control	Diou	<u> </u>	9-9-3 T. S.		990eese	95892515
		Sing King S						000000000000000000000000000000000000000	ily Su	Section Contraction	× 60.7500000000000000000000000000000000000									
	ty Date		9/21/2007		ys Fro		ud :	0	Currer			737	5 Ft	24 H	r. Foota					736 F
	mpan				IGN L					Nam					ENS	IGN 7	9			
Forn	nation :			Me	saver	de				athe		2 pours		<del>- 1</del>	* 7 5/2-01					
·			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Table State Co.			<u> </u>		Operat	ions	<b>S</b>		X 22.3	a waxayildi.		lo		le. In	T	
Start	Hrs	Code	2 2 3 3,300	i				H	emarks				# 1 to 1/2			1 1 1 1 1 1 1 1		End D		Run
6:00	3.00	02	DRILL F/				- 014	45 141 0			- 0110	NT #0					639	674 674		2
9:00	0.50	08	SWITCH				E SW	AB IN #	I & IRO	UBL	E 2HO	JI #2					748 748	684		2
9:30	3.00	02	DRILL F/ SERVICE		1/ 6,84	<i>'</i>			_				-	-			847	684		2
12:30 13:00	0.50 5.00	07 02	DRILL F/		T/ 7 04	<b>4</b> '						<del> </del>					847	704		2
18:00	12.00	02	DRILL F/														044	737		2
	24.00	02	DIXICE 17	7,044	17 7,07				·								-		<u>- 1</u>	
ı olalı		<u> </u>	- Ref.	3 19 19 19 19 19 1-13			1 4	N	iud Pro	perti	es		1.3.44	**		i-				- 11
Depth	Time	Wt	In Wt O	ut Vis	PV	YP	G	els	FL		TFL	FC	Η٦	TFC	Solid	Wa	ater	Oil	S	Sand
6740	11:20				12	10		7/26	9.8		0.0	1	0	.00	5.8%	94.		0.0%		.2%
MBT	pН	Pm	Pf	Mf	CI		Са	ES	Po	m	Lime	Total	Sal.	CaC	2 E	DTA	O/W	Ratio	Mud	Loss
20.0	8.7	5 0.15		0.20	900		280	0	0.0		0.00	0		0		0.00			(	0
Water	Loss	LCM	ECD	FL Tem	ıp l	JFT			Rema	rks							118 F sq.	<u> </u>		
0		0.0	9.9	97													-			
						11074		Da	ily Su	mm	агу		*			3				
Activi	ty Date		9/22/2007	7 Day	ys Fro	m Sp	ud : l	0	Currer		10000 To 1000 TO	753	0 Ft	24 H	r. Foot	age M	ade :	7-2-1-18087-0011	1	155 F
	ompan		<u> </u>		SIGN L					Nan			- 1			IGN 7				
	nation			Me	saver	de				athe										
		10.12			Age of the			erige Ve	Operat	ions	3						1000			-
Start	Hrs	Code			Zaraki i			F	emarks							Star	t Depth	End D	epth	Run
6:00	3.00	02	DRILL F/	7,375'	T/ 7,47	9'							•••			7	375	747	9	2
9:00	0.75	07	SERVICE	RIG			***									7	479	747	9	2
9:45	3.25	02	DRILL F/														479	751		2
13:00	1.00	05	PUMP S														517	751		2
14:00	4.00		PUMP SI			TO CH	IANG	E MUD N	OTOR								517	751		2
18:00	2.00		T.O.O.H.														517	751		2
20:00	1.00		L/D AND		W BIT	AND I	М.М.				·						517	751		2
21:00	2.00		T.I.H. TO				<del></del>	DEAK O	IDOLII A	TION							517	751	_	2
23:00	0.50		INSTALL		ING R	ORRE	K&B	KEAK C	IKUULA	HUN	·						517 517	751 751		2
23:30	2.50		T.I.H. 7,4 P/U KELI		BDEA	K CID	CITI V.	TION									517 517	751		2
2:00	0.50		WASH F					TION									517	751		3
3:00	3.00		DRILL F/				· 1LL										517	753		3
Total:		VZ	DINEL 17	,,011	., ,,,,,					-									1	
, 500.		<u> </u>				1.40			lud Pro	perti	es	ray) gast	ji.		1. (3)	gijakere i Gijakere i	i in			
	Time	Wt	In Wt O	ut Vis	PV	YP	G	els	FL		ITFL	FC	Н	TFC	Solid	Wa	ater	Oil	s	Sand
Depth	IIIIe				12	10		7/26	9.8	_	0.0	1	_	.00	5.8%		2%	0.0%		).2%
Depth 7375	Time 11:20	9.6	0   9.60	, 1 40																
				Mf	CI		Са	ES	Po	m	Lime	Total	Sal.	CaC	12 E	DTA	O/W	Ratio	Mud	Loss
7375	11:20 pH	Pm	Pf						Po 0.0		Lime 0.00		_	CaC 0		DTA 0.00	O/W			l Loss 0
7375 MBT	11:20 pH 8.75	Pm	Pf   5   0.05	Mf	CI 900		Са	ES		00			_				O/W			

3.77.46						We	ell Na	ame:B	<u>ONAN</u>	ZA 09	<u>-23-</u>	<u>-12-1</u>	1						
Field	Name	<b>9:</b>	Bona	ınza		3. A 1.00 90		S/T/R:		11/9S/2	3E		Col	ınty,S	tate:	ι	JINTAH,	UT	
Ор	erato	r: End	uring Res	ources	, LLC	Loc	ation I	Desc:						Dis	strict:		Northe	m	
	10 5 x 3/	10 J 15 1 74 10						Da	ily Sum	mary	eri, semis Listra							STATE	
Activity	Date	: :	9/23/2007	' Da	ys Fro	om S	pud:	0	Current	Depth:		8163 F	t 24 h	lr. Fo	otage N	√lade :		(	633 F
Rig Cor	npany	y :		ENS	SIGN	USA			Rig N	ame:				EN	ISIGN	79			
Forma	ation :			Me	save	rde			Weat	ther:									
	randon Referencias	Jacks was				aku ing Malaysa		1.15	Operatio	ns	e di L						1.148		
Start	Hrs	Code		da alika e	George S	-		R	emarks		Alle Street St. St. Alle St. alle		10 Test		Sta	rt Dept	h End D	epth	Run
6:00	7.00	02	HELD SA	FETY N	/EETI	NG, D	RILL F	7,530	T/ <b>7,6</b> 65'							7530	766	5	3
13:00	0.50	07	SERVICE	RIG												7665	766		3
13:30	4.50	02	DRILL F/													7665	778	_	3
18:00	12.00	02	DRILL F/	7,789'	T/ 8,10	63'					٠					7789	816	3	3
Total: 24	4.00	ļ <u>.</u>								Na Na sa									
D461	Time	Wt	In Wt O	ut Vis	PV	YP	Table 1	Gels	lud Prope FL	HTFL	F	c Li	HTFC	Sol	a I w	ater	Oil	Te	and
	Time 16:00				17	10	The second second	/33/46	7.8	0.0	S . T.		1.50	7.8		1.0%	0.0%		.2%
MBT	10.00			Mf	CI	+ + -	Ca	55/40 ES	Pom		a To	tal Sal			EDTA			Mud	
20.0	9.50	7. 7.			1000	+	240	0	0.00			0	0		0.00	10/1	ritatio		0
Water Lo		LCM		L Tem		UFT	270				Salah Salah	- <del>-</del>			0.00			245.7	<del>-</del> -
TYULC: L	UUU								<b>IRemark</b>	Q .									
					<u> </u>	Oi i	<u>1948</u> . P. 5		Remark	S		<u> </u>	<u> </u>			<u></u>	<u> </u>	and the contraction of the contr	
0		0.0	10.3	115	1P	(O), 11,		Da											W 1-5
0	Date	0.0	10.3	115		20575	oud :	. 141 - 1421 113 113 113 113	ily Sum	mary		8361 F	H 24 F	Ir Fo	otane M	/lade :			198 F
0 Activity		0.0		115 '   Da	ys Fro	om S	pud:	<b>Da</b>	ily Sum Current	<b>mary</b> Depth :	•	8361 F	t 24 F		otage N			1	198 F
0 Activity Rig Cor	npany	0.0 y:	10.3	115 Da ENS	ys Fro	om S USA	pud :	. 141 - 1421 113 113 113 113	ily Sum Current Rig N	<b>mary</b> Depth : ame:		8361 F	t  24 l		otage N				198 F
0 Activity	npany	0.0 y:	10.3	115 Da ENS	ys Fro	om S USA	pud:	0	ily Sum Current Rig N Weat	mary Depth: ame: ther:		8361 F	t  24 l					1	198 F
O Activity Rig Cor Forma	npany	0.0 y:	10.3	115 Da ENS	ys Fro	om S USA	pud :	0	ily Sum Current Rig N	mary Depth: ame: ther:		8361 F	t  24 F		ISIGN	79	h End Do	1,000	
O Activity Rig Cor Forma	mpany ation : Hrs	0.0 ; y:	9/24/2007	115 Day ENS Me	ys Fro SIGN esave	om S USA rde		0 R	ily Sum Current Rig N Weat	mary Depth: ame: ther:		8361 F	\$40.54°		ISIGN Sta	79	h End De	epth	198 F
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		Well Name:BO	NANZA 09-23-12	-11	
Field Name:	Bonanza	S/T/R	11/9S/23E	County,State:	UINTAH, UT
Operator: End	during Resources, LL	C Location Desc:		District:	Northern

Formation I	Name Current W	ell Top Subs	sea Datum Ref We	ll Top E	lec Top		Comi	ments	A CONTRACT
		71 - 15 (1) 1 (1)		Casing					
DateIn	Setting Depth	Jts Run	Туре	Size	Weight	Grade	MINID	HoleDiam	TD
8/25/2007	2024	46	3. Surface	8.625	32	J-55	<u></u>	12.25	2050
Stage: 1,	Tail, 0, 225, 2% CA0	CL2, 1/4# FLO	VCELE, Class G, 3.8 WCELE, Class G, 1. FLOWCELE, Class (	15, 15.8	8				
9/24/2007	8659.399	202	5. Production	4.5	11.6	M-80	0	7.875	8675
Stage: 1,		_AD,5%SALT,I	LB SK, HI-FILL, 3.85 POLTFLAKE,, 50/50		14.3				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-74426 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: GAS WELL 7 OTHER OIL WELL Bonanza 9-23-12-11 9. API NUMBER: 2. NAME OF OPERATOR: 4304736645 Enduring Resources, LLC 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER: 3. ADDRESS OF OPERATOR: Undesignated STATE CO JED 80202 (303) 350-5114 475 17th Street, Suite 1500 Denver 4. LOCATION OF WELL COUNTY: Uintah FOOTAGES AT SURFACE: 1794' FNL - 609' FWL STATE: S QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 11 98 23E HATII CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT ALTER CASING (Submit in Duplicate) TEMPORARILY ABANDON NEW CONSTRUCTION Approximate date work will start: CASING REPAIR TUBING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: RECLAMATION OF WELL SITE OTHER: COMMINGLE PRODUCING FORMATIONS 3/5/2008 RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. In order to prevent waste of gas, as defined by law; to protect the correlative rights of all parties concerned; to prevent the drilling of un-necessary wells; and to insure proper and efficient development and promote conservation of the gas resources of the State of Utah, Enduring Resources, LLC respectfully request approval to perforate and commingle the Wasatch and Mesaverde formations "pools" in the same well bore. 1. Ownership in both formations is the same. However, in the event allocation of production is necessary, that allocation will be based on proportionate net pay based on well logs. 2. These formations shall be commingled in the well bore and produced concurrently in a single string of 2-3/8" production tubing. 3. Attached is a map showing the location of wells on contiguous oil and gas leases and/or production units. 4. Also attached is an affidavit confirming that this application has been provided to leasehold interest owners in contiguous oil and gas lease or production units overlying the "pool." Landman - Regulatory Specialist

(This space for State use only)

SIGNATURE

NAME (PLEASE PRINT) \_Alvin R. (AI) Arlian

RECEIVED

MAR 1 0 2008

DIV. OF OIL, GAS & MINING

TITLE

DATE

3/5/2008

### AFFIDAVIT OF MAILING

Statue of Colorado	)
City and	)ss
County of Denver	)

Alvin R. Arlian (hereinafter sometimes referred to as "Affiant"), of lawful age, being first duly sworn upon oath, deposes and says:

- 1. Affiant is a Landman-Regulatory Specialist for Enduring Resources, LLC (hereinafter sometimes referred to as "Enduring") whose address is 475 17<sup>th</sup> Street, Denver, Colorado 80202,
- 2. Enduring is the operator of the following described oil and gas well:

Bonanza 9-23-12-11 SWNW Section 11, T9S-R23E Uintah County, Utah

- A cursory search of applicable records confirmed that the following parties are the only leasehold interest owners in the contiguous oil and gas wells, contiguous oil and gas leases, or contiguous oil and gas well production units overlying the "pool."
  - 1. Forest Oil Corporation
  - 2. EOG Resources, Inc.
- 4. On Wednesday, March 05, 2008 Affiant mailed (or caused to be mailed) in U.S. Mail, with postage prepaid, a copy of the attached Application for Commingling two or more pools (formations) in one well bore of the well described in Paragraph No. 2 above which said Application for Commingling (Form 9) has/had concurrently been filed with the State of Utah Division of Oil, Gas, and Mining (and if applicable, copies sent to SITLA, and the Bureau of Land Management), and
- 5. Attached is a map showing the location of wells' located on contiguous oil and gas leases and/or production units.

Affiant saith no more.

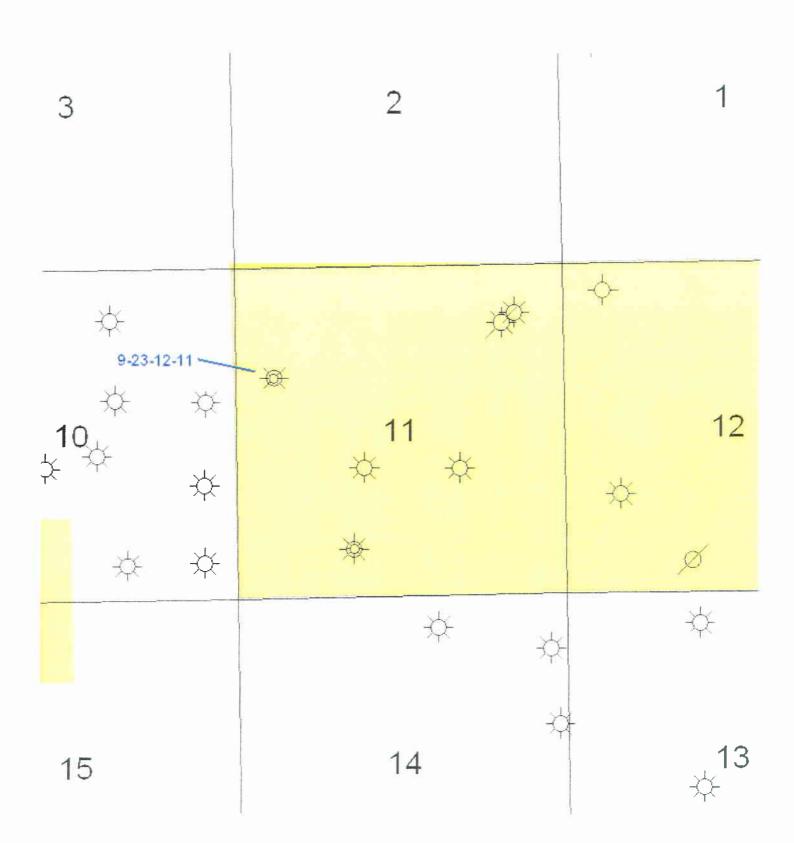
Alvin R. Arlian, Affiant

Scribed and sworn to before me this 5th day of March, 2008 by Alvin R. Arlian.

My Commission Expires:

Notary Public.

## MAP ATTACHED TO ENDURING RESOURCES, LLC COMMINGLING APPLICATION FOR BONANZA 9-23-12-11 LOCATED IN THE SW-NW SEC. 11, T9S-R23E



### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

## CONFIDENTIAL

FORM 9

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  n/a  7. UNIT OF CA AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	100
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:  Bonanza 9-23-12-11
2. NAME OF OPERATOR:	9. API NUMBER: 4304736645
Enduring Resources, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 (303) 350-5114	Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1794' FNL - 609' FWL  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 11 9S 23E S	COUNTY: Uintah
	UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  CASING REPAIR  CHANGE TO PREVIOUS PLANS  DEEPEN  FRACTURE TREAT  NEW CONSTRUCTION  OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON  SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion:  7/21/2008 CHANGE WELL NAME PLUG BACK  CHANGE WELL STATUS PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMAT	VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  OTHER: Notice of first gas sales.
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vo	olumes, etc.
7-21-2008	
Completed backfilling drilling pits.	
Accepted by the Utah Division of Oil, Gas and Minin	9
FOR RECORD ON	LY
NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman - Re	egulatory Specialist
SIGNATURE	
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STATE OF UTAH

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The second second	DIVISION OF OIL, GAS AND MIN		ila Akustaj 1 julijan jar	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426
the second secon	NOTICES AND REPORTS	ON WELL	S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n	new wells, significantly deepen existing wells below curre aterals. Use APPLICATION FOR PERMIT TO DRILL for	ent bottom-hole depth,	reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	<u> </u>	itti jor sucii propusais.		8. WELL NAME and NUMBER: Bonanza 9-23-12-11
				9. API NUMBER:
2. NAME OF OPERATOR: " Enduring Resources, LLC	; 43			4304736645
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500			PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL	Y	<u></u>		
FOOTAGES AT SURFACE: 17941	FNL - 609' FWL			соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	nge, meridian: SWNW 1/1 9S 23	3E S		STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICATI	E NATURE C	F NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	1		PE OF ACTION	
	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONST	RUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR C	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND AE	BANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
•	CHANGE WELL STATUS	PRODUCTION	(START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATIO	ON OF WELL SITE	OTHER: Conformation of
9/24/2008	CONVERT WELL TYPE	RECOMPLETI	E - DIFFERENT FORMATION	Commingling.
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pe	ertinent details inclu	uding dates, depths, volum	es, etc.
•				
First gas sales on January	y 2, 2008.			•
Conformation of Comming	gling.			
Wasatch and Mesaverde	formations "pools" commingled in	initial comple	etion attempt.	
	•			
NAME (DI FACE PRINT) Alvin R. (A	Al) Árlian		Landman - Regu	latory Specialist
NAME (PLEASE PRINT) AIVIN R. (A		TITLE		
SIGNATURE		DATE	9/24/2008	

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		FORM 9				
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74426			
SUND	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BONANZA 9-23-12-11			
2. NAME OF OPERATOR: Enduring Resources, LLC			<b>9. API NUMBER:</b> 43047366450000			
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,	Denver, CO, 80202 303 35	PHONE NUMBER: 0-5114 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1794 FNL 0609 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: 1 Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION			
11/9/2009	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL			
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION [	OTHER	OTHER: Interim Seeding			
12. DESCRIBE PROPOSED OR CO	 DMPLETED OPERATIONS. Clearly show all pertir	nent details including dates, depths, vo	olumes, etc.			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The location was reseeded on 11/9/2009. The location was disked to prepare the seed bed, the seed broadcast over the seed bed and harrowed to bury Accepted by the the seed. The location was seeded with the following seed mix. Double the Utah Division of BLM's COA recommended PLS per acre were used because the seed could Oit, Gas and Mining be drilled due to rocky location and was broadcast instead. 12# Needen Record November 18, 20 Grass The Packing Slip and bag tags for the seed will be kept in the Vernal Well File and available on request.						
Alvin Arlian	303 350-5114	Landman-Regulatory				
SIGNATURE N/A		<b>DATE</b> 11/18/2009				